

NEWFIELD



December 20, 2005

State of Utah
Division of Oil, Gas & Mining
Attn: Diana Whitney
1594 West North Temple - Suite 1210
P.O. Box 145801
Salt Lake City, Utah 84114-5801

RE: Applications for Permit to Drill: Gilsonite State G-32-8-17, H-32-8-17, M-32-8-17, N-32-8-17, and Q-32-8-17.

Dear Diana:

Enclosed find APD's on the above referenced wells. They are all directional wells that will be drilled off of existing well pads. When these APD's are received, please contact Brad Mecham or Shon McKinnon to set up a State On-Site. If you have any questions, feel free to give me a call.

Sincerely,

Mandie Crozier
Regulatory Specialist

cc: SITLA
mc
enclosures

RECEIVED

DEC 21 2005

DIV. OF OIL, GAS & MINING

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

APPLICATION FOR PERMIT TO DRILL, DEEPEN

1a. TYPE OF WORK **DRILL** ☒ **DEEPEN** ☐

1b. TYPE OF WELL:

OIL ☒ GAS ☐ OTHER ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐

2. NAME OF OPERATOR

Newfield Production Company

3. ADDRESS AND TELEPHONE NUMBER:

Route #3 Box 3630, Myton, UT 84052**Phone: (435) 646-3721**

4. LOCATION OF WELL (FOOTAGE)

At Surface

SE/NW**1943' FNL 1916' FWL**

At proposed Producing Zone

1326' FNL 2644' FWL

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

Approximately 11.6 miles southeast of Myton, UT

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)

Approx. 1326' f/lse line and 1326' f/unit line

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR ON THIS LEASE, FT.

Approximately 1325' (Down Hole)

21. ELEVATIONS (Show whether DP, RT, GR, etc.)

5253' GL

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT/FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4	8 5/8	24#	290'	155 sx +/- 10%
7 7/8	5 1/2	15.5#	TD	275 sx lead followed by 450 sx tail
				See Detail Below

DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give date on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

*The actual cement volumes will be calculated off of the open hole logs, plus 15% excess: **BHL 582740X**

SURFACE PIPE - 155 sx Class G Cement +/- 10%, w/ 2% CaCl₂ & 1/4#/sk Cello-flake

Weight: 15.8 PPG YIELD: 1.17 Cu Ft/sk H₂O Req: 5 gal/sk

LONG STRING - Lead: Premium Lite II Cement + 3lbs/sk BA-90 + 3% KCl + .25 lbs/sk Cello Flake + 2 lbs/sk Kol Seal +

10% Bentonite + .5% Sodium Metasilicate

Weight: 11.0 PPG YIELD: 3.43 Cu Ft/sk H₂O Req: 21.04 gal/sk

Tail: 50-50 Poz-Class G Cement + 3% KCl + .25 lbs/sk Cello Flake + 2% Bentonite + .3% Sodium Metasilicate

Weight: 14.2 PPG YIELD: 1.59 Cu Ft/sk H₂O Req: 7.88 gal/sk

24.

Name & Signature

Mandie Crozier

Title:

Regulatory Specialist

Date:

12/20/2005

(This space for State use only)

API Number Assigned:

43-013-33010

APPROVAL:

Approved by the
Utah Division of
Oil, Gas and Mining

Date:

By

RECEIVED

DEC 21 2005

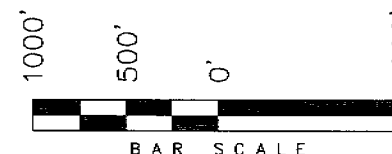
DIV. OF OIL, GAS & MINING

T8S, R17E, S.L.B.&M.

S89°55'W - 80.06 (G.L.O.)

NEWFIELD PRODUCTION COMPANY

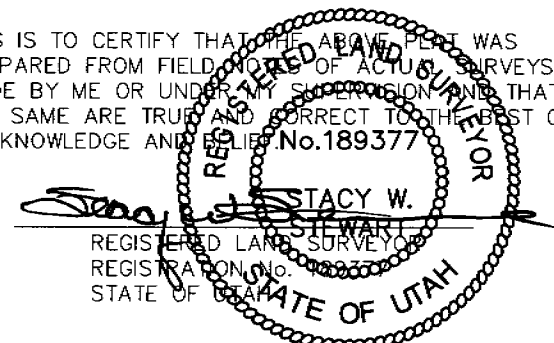
WELL LOCATION, GILSONITE STATE
H-32-8-17, LOCATED AS SHOWN IN
THE NORTH 1/2 OF SECTION 32, T8S,
R17E, S.L.B.&M. DUCHESNE COUNTY,
UTAH.



Note:

1. The West 1/4 Corner of Section 32 bears N45°07'00"W 3738.46' from the South 1/4 Corner of said Section.
2. Some lots were not labeled due to the illegibility of the G.L.O. Plat.
3. The Proposed Well head bears N69°26'26"E 2045.38' from the West 1/4 Corner of Section 32.
4. The top of hole bears N49°41'49"E 955.32' from the Bottom of hole.

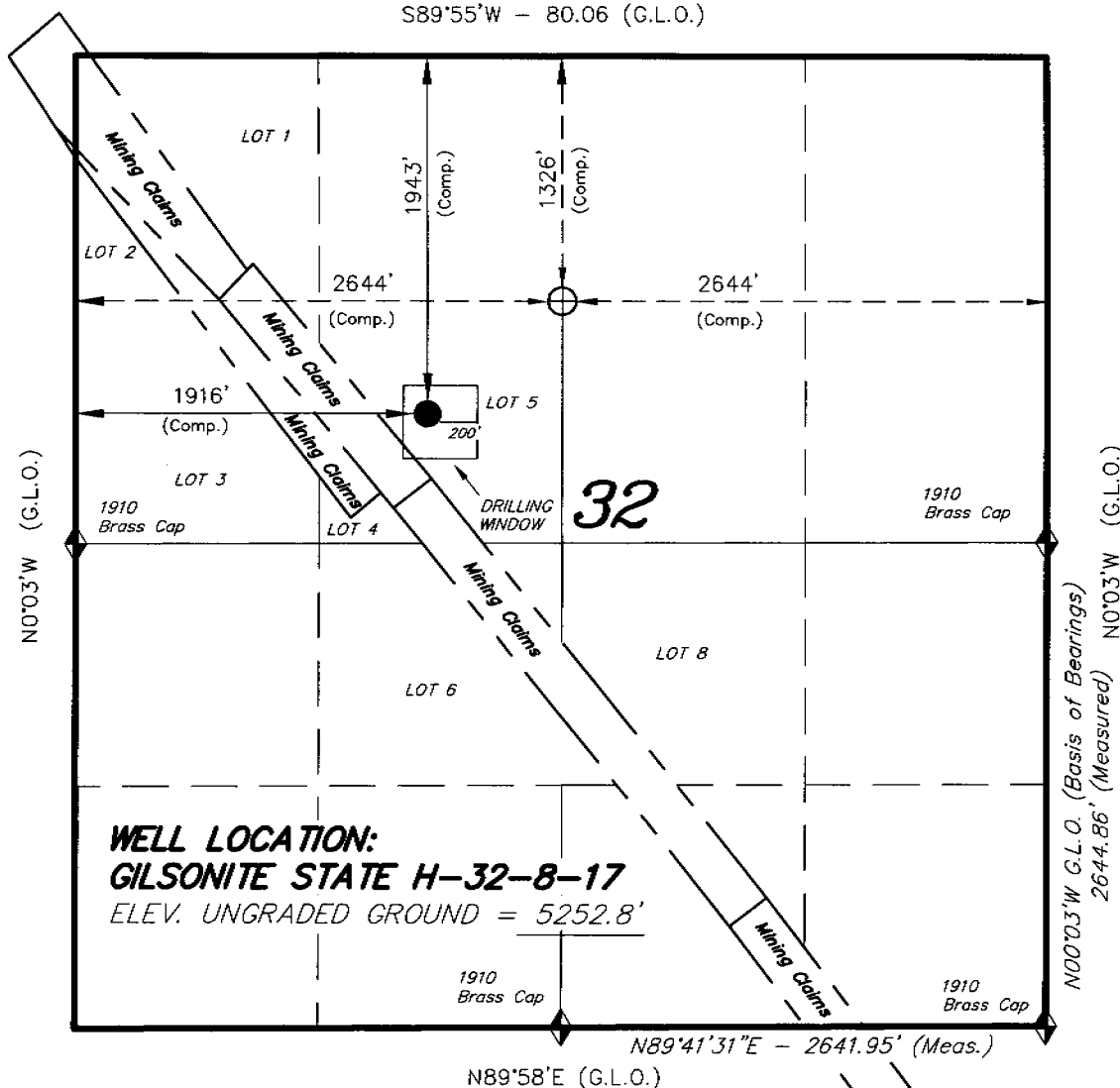
THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS
PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS
MADE BY ME OR UNDER MY SUPERVISION AND THAT
THE SAME ARE TRUE AND CORRECT TO THE BEST OF
MY KNOWLEDGE AND BELIEF. No.189377



TRI STATE LAND SURVEYING & CONSULTING

180 NORTH VERNAL AVE. - VERNAL, UTAH 84078
(435) 781-2501

DATE SURVEYED: 11-23-05	SURVEYED BY: C.M.
DATE DRAWN: 12-8-05	DRAWN BY: F.T.M.
REVISED:	SCALE: 1" = 1000'



◆ = SECTION CORNERS LOCATED

BASIS OF ELEV;
U.S.G.S. 7-1/2 min QUAD (MYTON SE)

GILSONITE STATE H-32-8-17
(Surface Location) NAD 83
LATITUDE = 40° 04' 34.95"
LONGITUDE = 110° 01' 58.89"

NEWFIELD PRODUCTION COMPANY
GILSONITE STATE #H-32-8-17
SE/NW SECTION 32, T8S, R17E
DUCHESNE COUNTY, UTAH

TEN POINT DRILLING PROGRAM

1. **GEOLOGIC SURFACE FORMATION:**

Uinta formation of Upper Eocene Age

2. **ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:**

Uinta	0 – 1700'
Green River	1700'
Wasatch	6500'

3. **ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:**

Green River Formation 1700' – 6500' – Oil

4. **PROPOSED CASING PROGRAM:**

Surface Casing: 8-5/8" J-55 24# w/ST&C collars; set at 290' (New)
Production Casing: 5-1/2" J-55, 15.5# w/LT&C collars; set at TD (New or used, inspected).

5. **MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:**

The operator's minimum specifications for pressure control equipment are as follows:

An 8" Double Ram Hydraulic unit with a closing unit will be utilized. Function test of BOP's will be check daily.

Refer to **Exhibit C** for a diagram of BOP equipment that will be used on this well.

6. **TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:**

The well will be drilled with a fresh water/polymer system will be utilized. If necessary, to control formation fluids, the system will be weighted with the addition of bentonite gel, and if conditions warrant, barite. This fresh water system typically will contain Total Dissolved Solids (TDS) of less than 3000 PPM. Neither potassium chloride nor chromates will be utilized in the fluid system. The anticipated mud weight is 8.4 ppg and weighted as necessary for gas control.

MUD PROGRAM

Surface – 3200'
3200' – TD'

MUD TYPE

fresh water
fresh water system

From about surface to TD, a fresh water system will be utilized. Clay inhibition and hole stability will be achieved with a KCL substitute additive. This fresh water system will typically contain Total Dissolved Solids (TDS) of less than 3000 PPM. Anticipated mud weight is 8.4 lbs/gal. If necessary to control formation fluids or pressure, the system will be weighted with the addition of bentonite gel, and if pressure conditions warrant, with barite. No chromate additives will be used in the mud system.

7. **AUXILIARY SAFETY EQUIPMENT TO BE USED:**

Auxiliary safety equipment will be a Kelly Cock, bit float, and a TIW valve with drill pipe threads.

8. **TESTING, LOGGING AND CORING PROGRAMS:**

The logging program will consist of a Dual Induction, Gamma Ray and Caliper log from TD to base of surface casing @ 290' +/-, and a Compensated Neutron-Formation Density Log from TD to 3500' +/- . A cement bond log will be run from PBTD to cement top. No drill stem testing or coring is planned for this well.

9. **ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:**

The anticipated maximum bottom hole pressure is 2000 psi. It is not anticipated that abnormal temperatures will be encountered; or that any other abnormal hazards such as H₂S will be encountered in this area.

10. **ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:**

It is anticipated that the drilling operations will commence the first quarter of 2006, and take approximately seven (7) days from spud to rig release.

NEWFIELD PRODUCTION COMPANY
GILSONITE STATE #H-32-8-17
SE/NW SECTION 32, T8S, R17E
DUCHESNE COUNTY, UTAH

THIRTEEN POINT SURFACE PROGRAM

1. **EXISTING ROADS**

See attached **Topographic Map "A"**

To reach Newfield Production Company well location site Gilsonite State H-32-8-17 located in the SE ¼ NW ¼ Section 32, T8S, R17E, S.L.B. & M., Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.6 miles \pm to the junction of this highway and UT State Hwy 53; proceed southeasterly along Hwy 53 - 9.9 miles \pm to it's junction with the beginning of the access road to the existing 6-32-8-17 well location; proceed along the access road - 0.1 miles \pm to the proposed H-32-8-17 well.

The highways mentioned in the foregoing paragraph are bituminous surfaced roads to the point where Highway 216 exists to the South, thereafter the roads are constructed with existing materials and gravel. The highways are maintained by Utah State road crews. All other roads are maintained by County crews.

The aforementioned dirt oil field service roads and other roads in the vicinity are constructed out of existing native materials that are prevalent to the existing area they are located in and range from clays to a sandy-clay shale material.

The roads for access during the drilling, completion and production phase will be maintained at the standards required by the State of Utah, or other controlling agencies. This maintenance will consist of some minor grader work for smoothing road surfaces and for snow removal.

2. **PLANNED ACCESS ROAD**

There is no proposed access road for this location. The proposed well will be drilled off of the existing 6-32-8-17 well pad. See attached **Topographic Map "B"**.

There will be no new gates or cattle guards required.

3. **LOCATION OF EXISTING WELLS**

Refer to **EXHIBIT B**.

4. **LOCATION OF EXISTING AND/OR PROPOSED FACILITIES**

The proposed well will be drilled directionally off of the existing 6-32-8-17 well pad. There will be a pumping unit and a short flow line added to the existing tank battery for the proposed H-32-8-17.

It is anticipated that this well will be a producing oil well.

Upon construction of a tank battery, the well pad will be surrounded by a dike of sufficient capacity to contain at minimum 110% of the largest tank volume within the facility battery.

Tank batteries will be built to State specifications.

All permanent (on site for six (6) months or longer) structures, constructed or installed (including pumping units), will be painted Desert Tan. All facilities will be painted within six months of installation.

5. **LOCATION AND TYPE OF WATER SUPPLY**

Fresh water purchased from the Johnson Water District will be used for drilling. A temporary poly pipeline may be used for water transportation from our existing supply line from Johnson Water District, or trucked from Newfield Production Company's injection facilities – **EXHIBIT A**.

There will be no water well drilled at this site.

6. **SOURCE OF CONSTRUCTION MATERIALS**

The proposed Gilsonite State H-32-8-17 will be drilled off of the existing 6-32-8-17 well pad. No additional surface disturbance will be required for this location.

7. **METHODS FOR HANDLING WASTE DISPOSAL**

A small reserve pit (90' x 40' x 8' deep, or less) will be constructed from native soil and clay materials. The reserve pit will receive the processed drill cutting (wet sand, shale & rock) removed from the wellbore. Any drilling fluids, which do accumulate in the pit as a result of shale-shaker carryover, cleaning of the sand trap, etc., will be promptly reclaimed. All drilling fluids will be fresh water based, typically containing Total Dissolved Solids of less than 3000 PPM. No potassium chloride, chromates, trash, debris, nor any other substance deemed hazardous will be placed in this pit. Therefore, it is proposed that no synthetic liner be required in the reserve pit. However, if upon constructing the pit there is insufficient fine clay and silt present, a liner will be used for the purpose of reducing water loss through percolation.

Newfield requests approval that a flare pit not be constructed or utilized on this location.

A portable toilet will be provided for human waste.

A trash basket will be provided for garbage (trash) and hauled away to an approved disposal site at the completion of the drilling activities.

Immediately upon first production, all produced water will be confined to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

8. **ANCILLARY FACILITIES:**

There are no ancillary facilities planned for at the present time and none foreseen in the near future.

9. **WELL SITE LAYOUT:**

See attached Location Layout Sheet.

Fencing Requirements

All pits will be fenced according to the following minimum standards:

- a) A 39-inch net wire shall be used with at least one strand of barbed wire on top of the net.
- b) The net wire shall be no more than two (2) inches above the ground. The barbed wire shall be three (3) inches above the net wire. Total height of the fence shall be at least forty-two (42) inches.
- c) Corner posts shall be centered and/or braced in such a manner to keep tight at all times
- d) Standard steel, wood or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than sixteen (16) feet.
- e) All wire shall be stretched, by using a stretching device, before it is attached to the corner posts.

The reserve pit fencing will be on three (3) sides during drilling operations and on the fourth side when the rig moves off location. Pits will be fenced and maintained until cleanup.

10. **PLANS FOR RESTORATION OF SURFACE:**

a) **Producing Location**

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, material, trash and junk not required for production.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximated natural contours. Weather permitting, the reserve pit will be reclaimed within one hundred twenty (120) days from the date of well completion. Before any dirt work takes place, the reserve pit must have all fluids and hydrocarbons removed.

b) **Dry Hole Abandoned Location**

At such time as the well is plugged and abandoned, the operator shall submit a subsequent report of abandonment and the State of Utah will attach the appropriate surface rehabilitation conditions of approval.

11. **SURFACE OWNERSHIP:** State of Utah

12. **OTHER ADDITIONAL INFORMATION:**

- a) Newfield Production Company is responsible for informing all persons in the area who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, Newfield is to immediately stop work that might further disturb such materials and contact the Authorized Officer.

- b) Newfield Production will control noxious weeds along rights-of-way for roads, pipelines, well sites or other applicable facilities. On State administered land it is required that a Pesticide Use Proposal shall be submitted and given approval prior to the application of herbicides or other possible hazardous chemicals.
- c) Drilling rigs and/or equipment used during drilling operations on this well site will not be stacked or stored on State Lands after the conclusion of drilling operations or at any other time without State authorization. However, if State authorization is obtained, it is only a temporary measure to allow time to make arrangements for permanent storage on commercial facilities.

Additional Surface Stipulations

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws and regulations, Onshore Oil and Gas Orders, the approved plan of operations and any applicable Notice to Lessees. A copy of these conditions will be furnished to the field representative to ensure compliance.

Hazardous Material Declaration

Newfield Production Company guarantees that during the drilling and completion of the Gilsonite State H-32-8-17, Newfield will not use, produce, store, transport or dispose 10,000# annually of any of the hazardous chemicals contained in the Environmental Protection Agency's consolidated list of chemicals subject to reporting under Title III Superfund Amendments and Reauthorization Act (SARA) of 1986. Newfield also guarantees that during the drilling and completion of the Gilsonite State H-32-8-17 Newfield will use, produce, store, transport or dispose less than the threshold planning quantity (T.P.Q.) of any extremely hazardous substances as defined in 40 CFR 355.

A complete copy of the approved APD, if applicable, shall be on location during the construction of the location and drilling activities.

Newfield Production Company or a contractor employed by Newfield Production shall contact the State office at (801) 722-3417, 48 hours prior to construction activities.

The State office shall be notified upon site completion prior to moving on the drilling rig.

13. LESSEE'S OR OPERATOR'S REPRESENTATIVE AND CERTIFICATION:

Representative

Name:	Shon McKinnon	Brad Mecham
Address:	Newfield Production Company Route 3, Box 3630 Myton, UT 84052	Newfield Production Company Route 3, Box 3630 Myton, UT 84052
Telephone:	(435) 646-3721	(435) 646-4811

Certification

Please be advised that Newfield Production Company is considered to be the operator of well #H-32-8-17, SE/NW Section 32, T8S, R17E, LEASE #ML-22060, Duchesne County, Utah and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by Hartford Accident #4471291.

I hereby certify that the proposed drill site and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Newfield Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of the 18 U.S.C. 1001 for the filing of a false statement.

12/20/05

Date

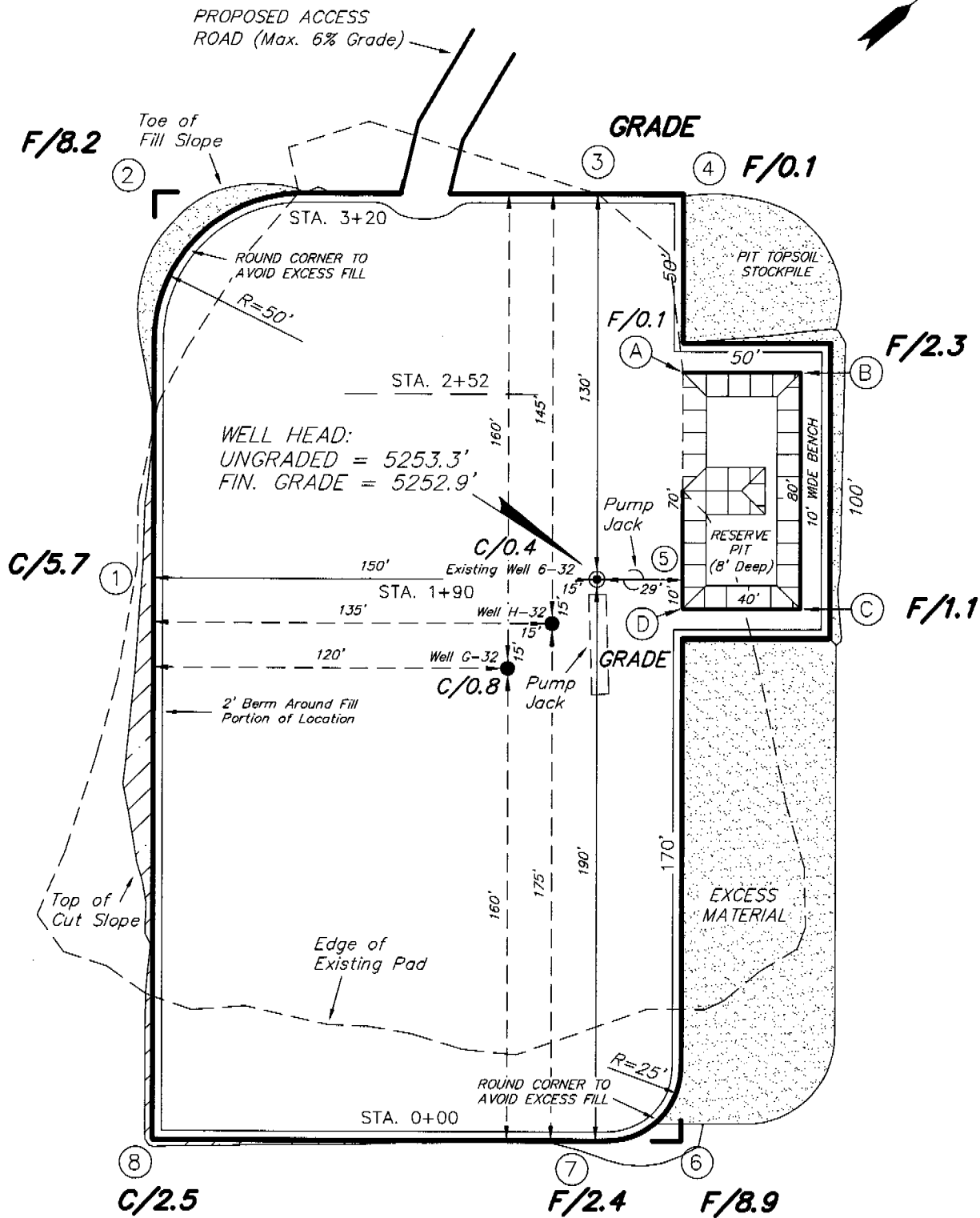
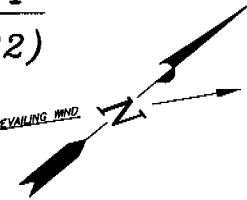

Mandie Crozier
Regulatory Specialist
Newfield Production Company

NEWFIELD PRODUCTION COMPANY

GILSONITE STATE 6-32-8-17 (G-32; H-32)

Section 32, T8S, R17E, S.L.B.&M.

PREVAILING WIND



SURVEYED BY: C.M.

SCALE: 1" = 50'

DRAWN BY: F.T.M.

DATE: 12-8-05

Tri State
Land Surveying, Inc.

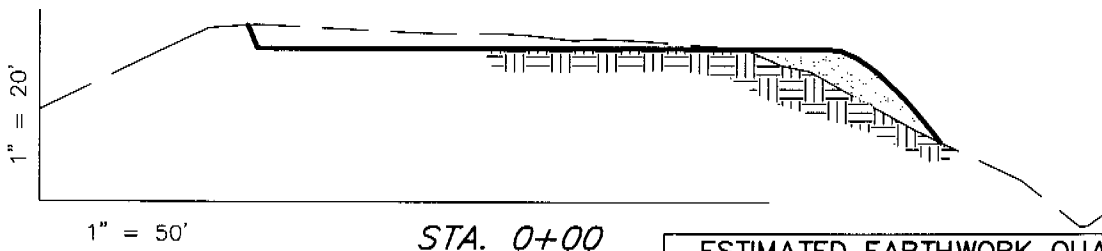
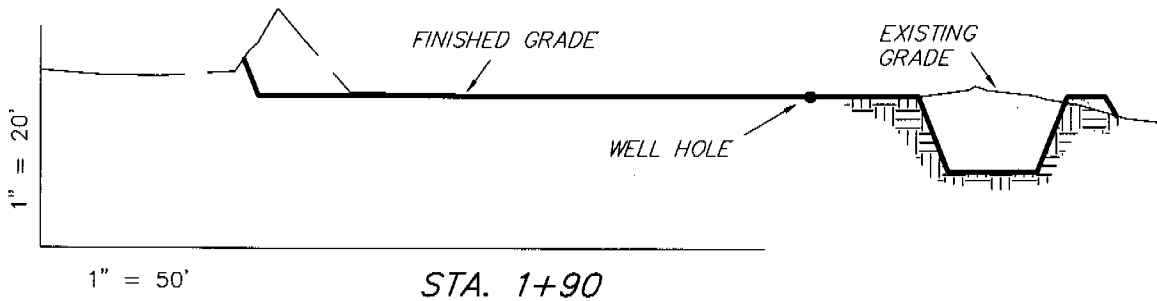
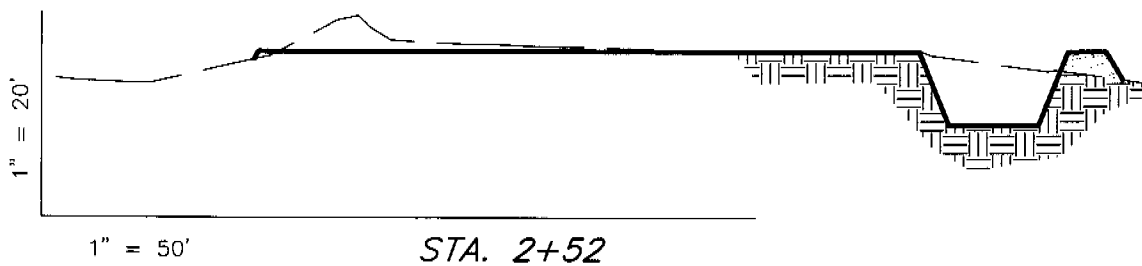
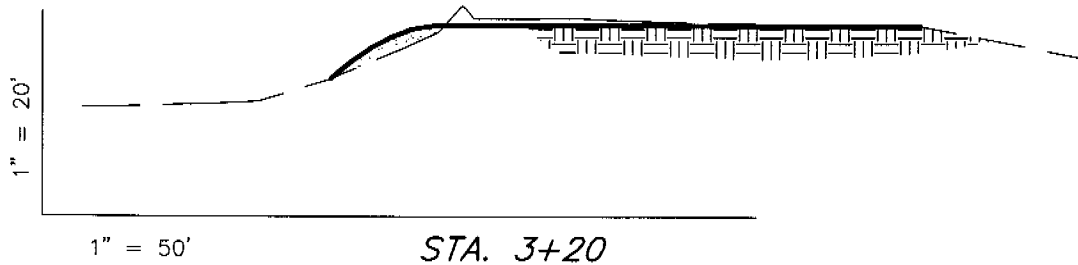
(435) 781-2501

180 NORTH VERNAL AVE. VERNAL, UTAH 84078

NEWFIELD PRODUCTION COMPANY

CROSS SECTIONS

GILSONITE STATE 6-32-8-17 (G-32; H-32)



NOTE:
UNLESS OTHERWISE NOTED
CUT SLOPES ARE AT 1:1
FILL SLOPES ARE AT 1.5:1

ESTIMATED EARTHWORK QUANTITIES (No Shrink or swell adjustments have been used) (Expressed in Cubic Yards)				
ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	1,230	610	Topsoil is not included in Pad Cut	620
PIT	640	0		640
TOTALS	1,870	610	130	1,260

SURVEYED BY: C.M.

SCALE: 1" = 50'

DRAWN BY: F.T.M.

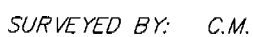
DATE: 12-8-05

Tri State
Land Surveying, Inc.

(435) 781-2501

180 NORTH VERNAL AVE. VERNAL, UTAH 84078

PROPOSED ACCESS
ROAD (Max. 6% Grade)



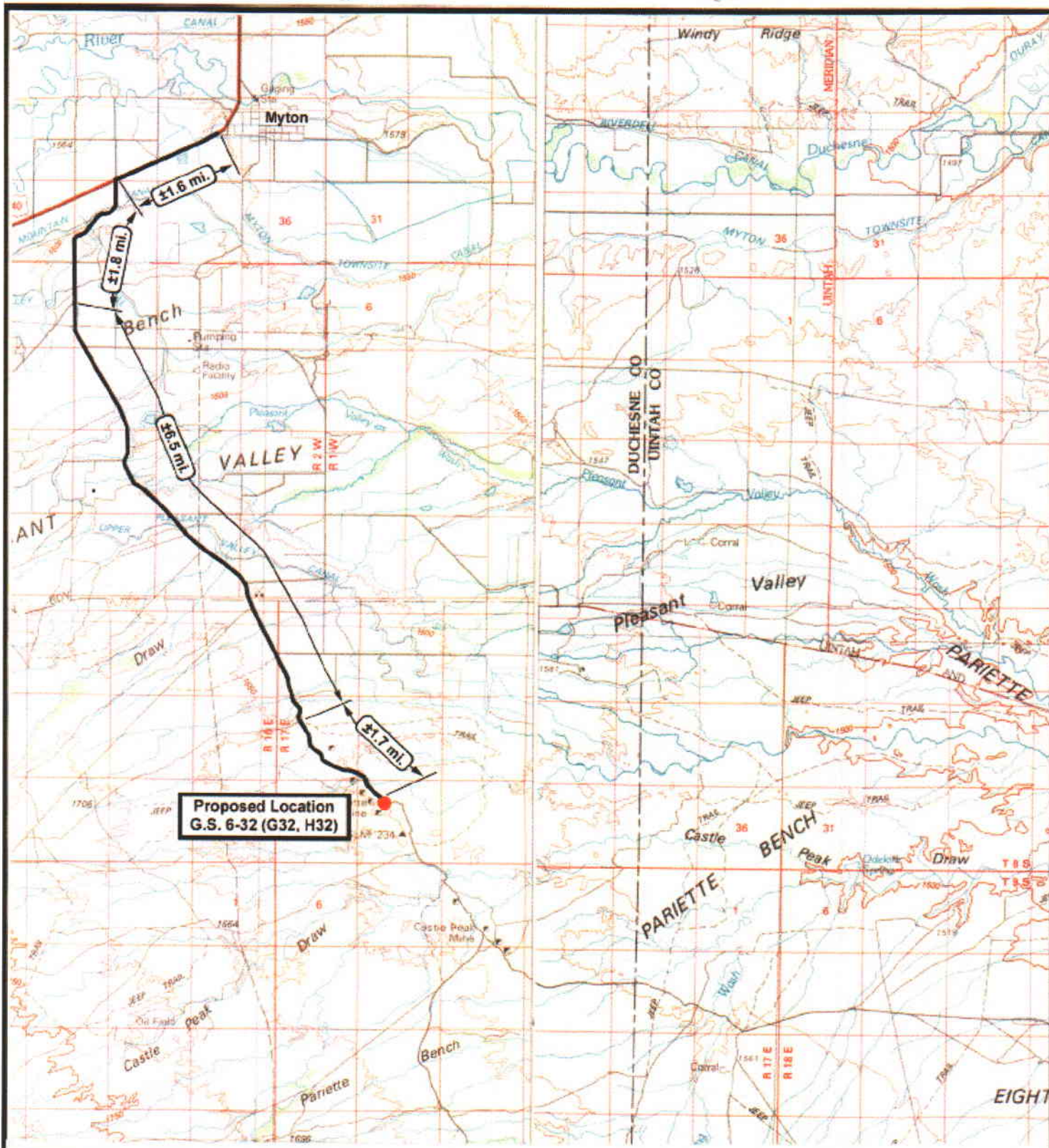
DRAWN BY: F.T.M.

DATE: 12-8-05

Tri State (4)
Land Surveying, Inc.

(435) 781-2501

180 NORTH VERNAL AVE. VERNAL, UTAH 84078



**Proposed Location
G.S. 6-32 (G32, H32)**



NEWFIELD
Exploration Company

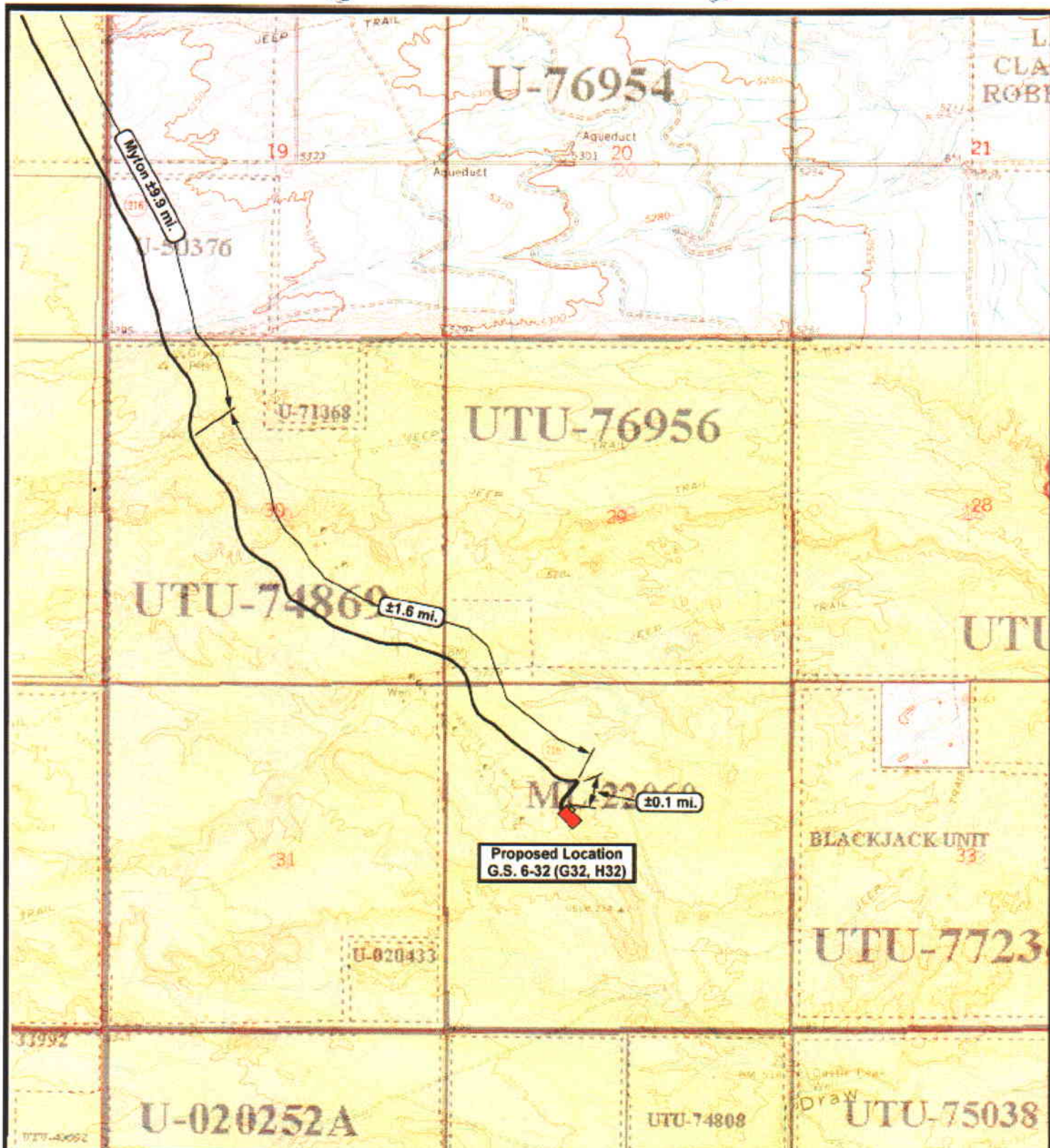
**Gilsonite State 6-32-8-17 (G32, H32)
SEC. 32, T8S, R17E, S.L.B.&M.**



Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'
DRAWN BY: mW
DATE: 12-14-2005

Legend	
	Existing Road
TOPOGRAPHIC MAP	
"A"	



NEWFIELD
Exploration Company

**Gilsonite State 6-32-8-17 (G32, H32)
SEC. 32, T8S, R17E, S.L.B.&M.**



Tri-State
Land Surveying Inc.
(435) 781-2501
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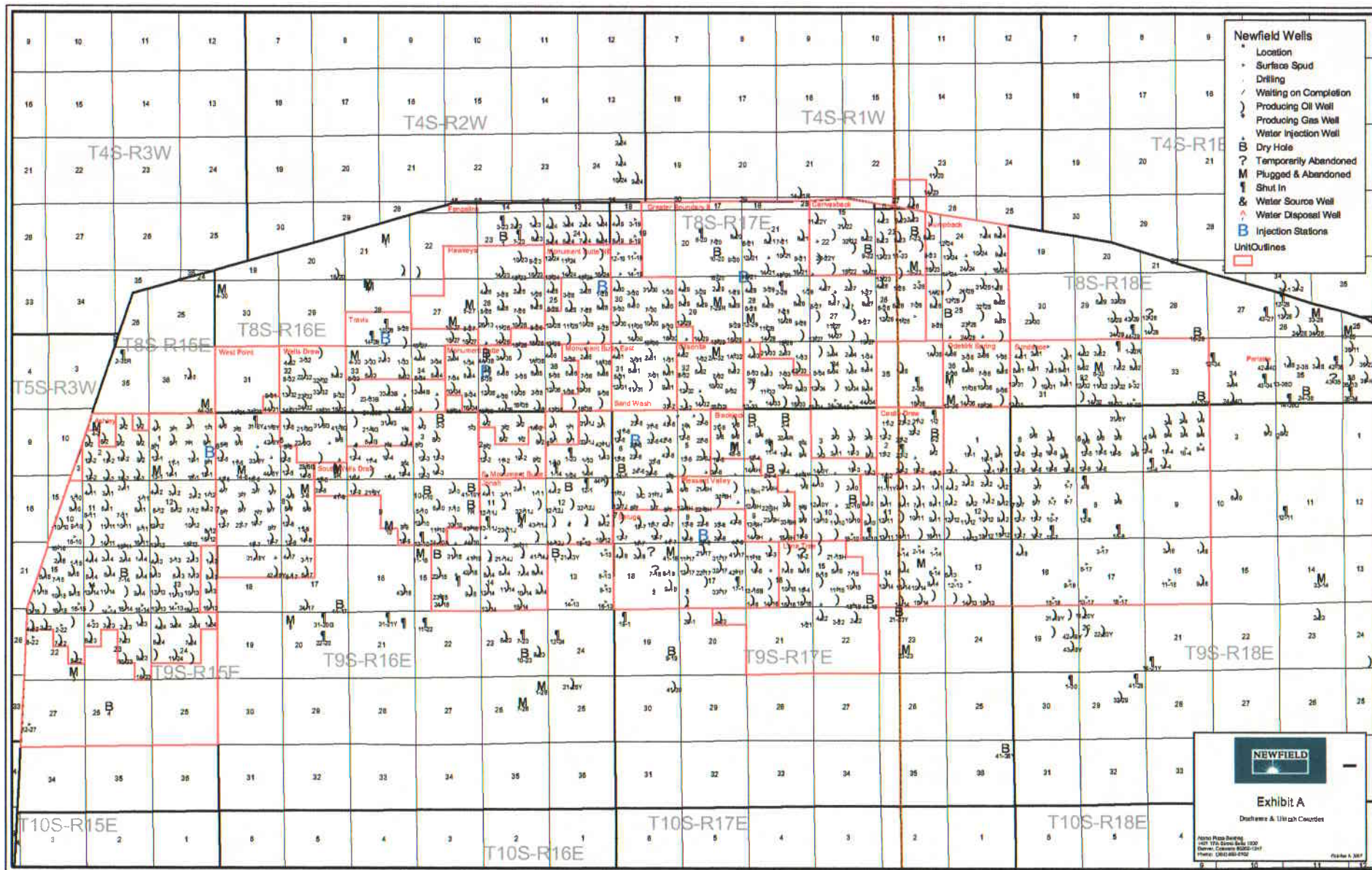
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DATE: 12-14-2005

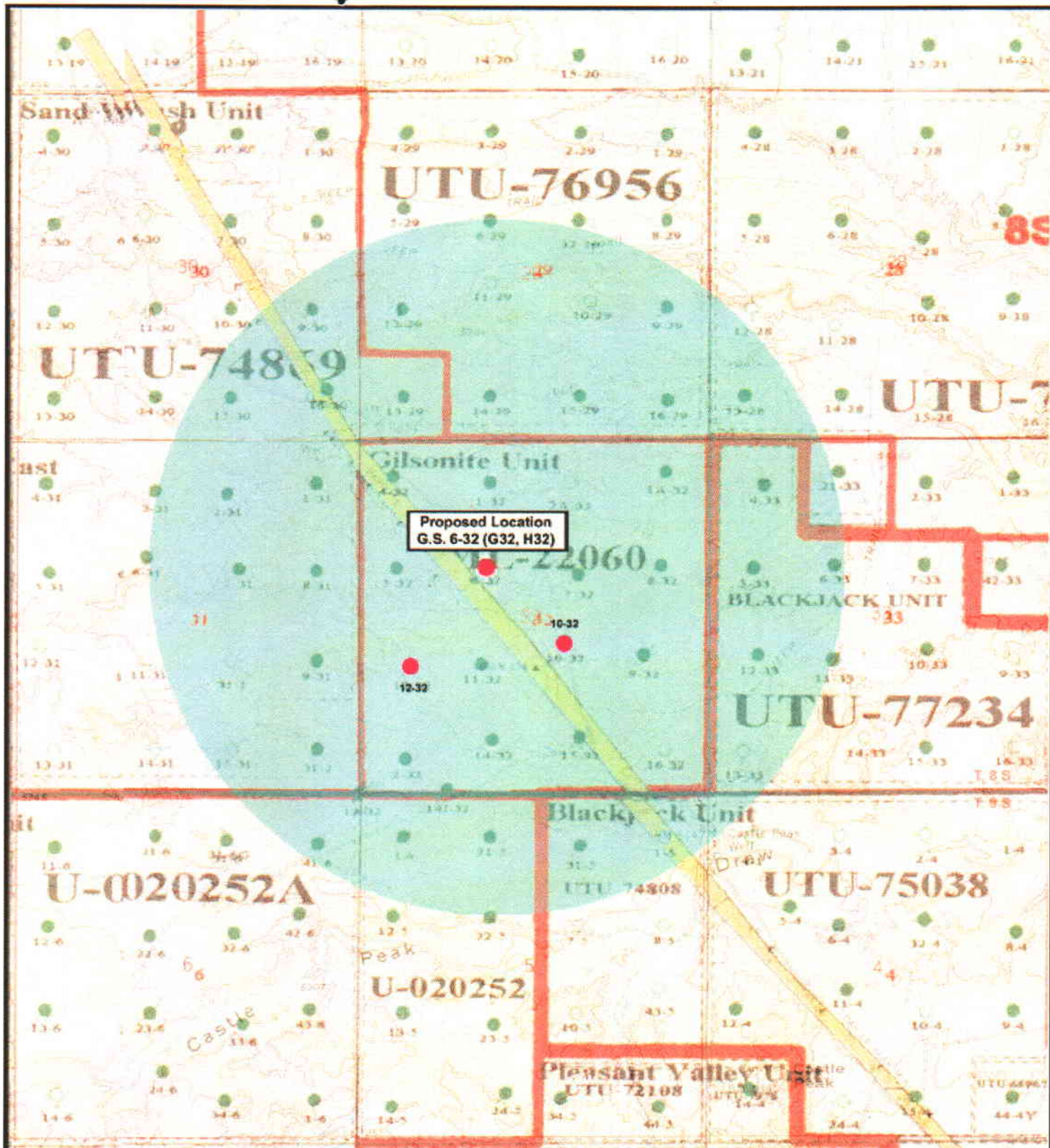
Legend

Existing Road

TOPOGRAPHIC MAP

"B"





NEWFIELD
Exploration Company

Gilsonite State 6-32-8-17 (G32, H32)
SEC. 32, T8S, R17E, S.L.B.&M.

Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'
DRAWN BY: mww
DATE: 12-14-2005

Legend

- Well Locations
- One-Mile Radius

Exhibit "B"

2-M SYSTEM

Blowout Prevention Equipment Systems

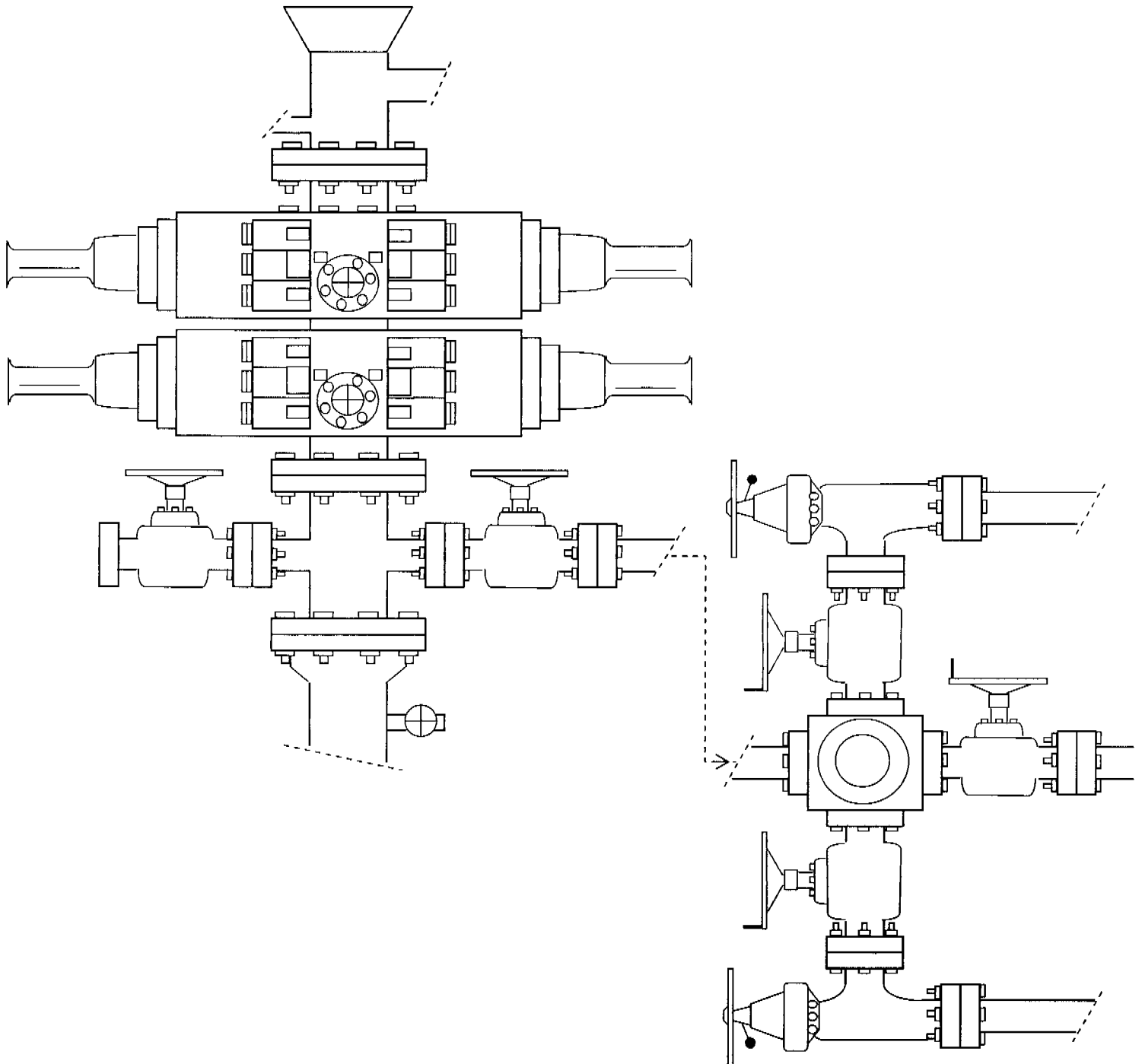


EXHIBIT C

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 12/21/2005

API NO. ASSIGNED: 43-013-33010

WELL NAME: GILSONITE ST H-32-8-17

OPERATOR: NEWFIELD PRODUCTION (N2695)

PHONE NUMBER: 435-646-3721

CONTACT: MANDIE CROZIER

PROPOSED LOCATION:

SE NW 32 080S 170E

SURFACE: 1923 FNL 1893 FWL

BOTTOM: 1326 FNL 2644 FWL

COUNTY: DUCHESNE

LATITUDE: 40.07645 LONGITUDE: -110.0323

UTM SURF EASTINGS: 582513 NORTHINGS: 4436480

FIELD NAME: MONUMENT BUTTE (105)

INSPECT LOCATN BY: / /

Tech Review

Initials

Date

Engineering

DKD

3/20/06

Geology

Surface

LEASE TYPE: 3 - State

LEASE NUMBER: ML-22060

SURFACE OWNER: 3 - State

PROPOSED FORMATION: GRRV

COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

☒ Plat

☒ Bond: Fed[] Ind[] Sta[] Fee[]
(No. B001834)

☒ Potash (Y/N)

☒ Oil Shale 190-5 (B) or 190-3 or 190-13

☒ Water Permit

(No. MUNICIPAL)

☒ RDCC Review (Y/N)

(Date:)

☒ Fee Surf Agreement (Y/N)

☒ Intent to Commingle (Y/N)

LOCATION AND SITING:

 R649-2-3.

Unit: GILSONITE

 R649-3-2. General

Siting: 460 From Qtr/Qtr & 920' Between Wells

 R649-3-3. Exception

 Drilling Unit

Board Cause No:

Eff Date:

Siting:

 R649-3-11. Directional Drill

COMMENTS:

Nuds Pros (01-11-06)

STIPULATIONS:

1- Cement St. p# 4 (8 5/8" and 5 1/2" casing strings)

2- STATEMENT OF BASIS

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 12/21/2005

API NO. ASSIGNED: 43-013-33010

WELL NAME: GILSONITE ST H-32-8-17

OPERATOR: NEWFIELD PRODUCTION (N2695)

CONTACT: MANDIE CROZIER

PHONE NUMBER: 435-646-3721

PROPOSED LOCATION:

SENW 32 080S 170E

SURFACE: 1943 FNL 1916 FWL *old footages 3/17/06*

BOTTOM: 1326 FNL 2644 FWL

DUCHESNE

MONUMENT BUTTE (105)

LEASE TYPE: 3 - State

LEASE NUMBER: ML-22060

SURFACE OWNER: 3 - State

PROPOSED FORMATION: GRRV

COALBED METHANE WELL? NO

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering	<i>DKD</i>	<i>3/14/06</i>
Geology		
Surface		

LATITUDE: 40.07639

LONGITUDE: -110.0322

RECEIVED AND/OR REVIEWED:

☒ Plat
☒ Bond: Fed[] Ind[] Sta[] Fee[]
(No. *61BSBDH2919*)
☒ Potash (Y/N)
☒ Oil Shale 190-5 (B) or 190-3 or 190-13
☒ Water Permit
(No. *MUNICIPAL*)
☒ RDCC Review (Y/N)
(Date: _____)
N/A Fee Surf Agreement (Y/N)
N/A Intent to Commingle (Y/N)

LOCATION AND SITING:

R649-2-3.

Unit *GILSONITE*

R649-3-2. General

Siting: 460 From Qtr/Qtr & 920' Between Wells

R649-3-3. Exception

Drilling Unit

Board Cause No: 229-1

Eff Date: 4-6-1993

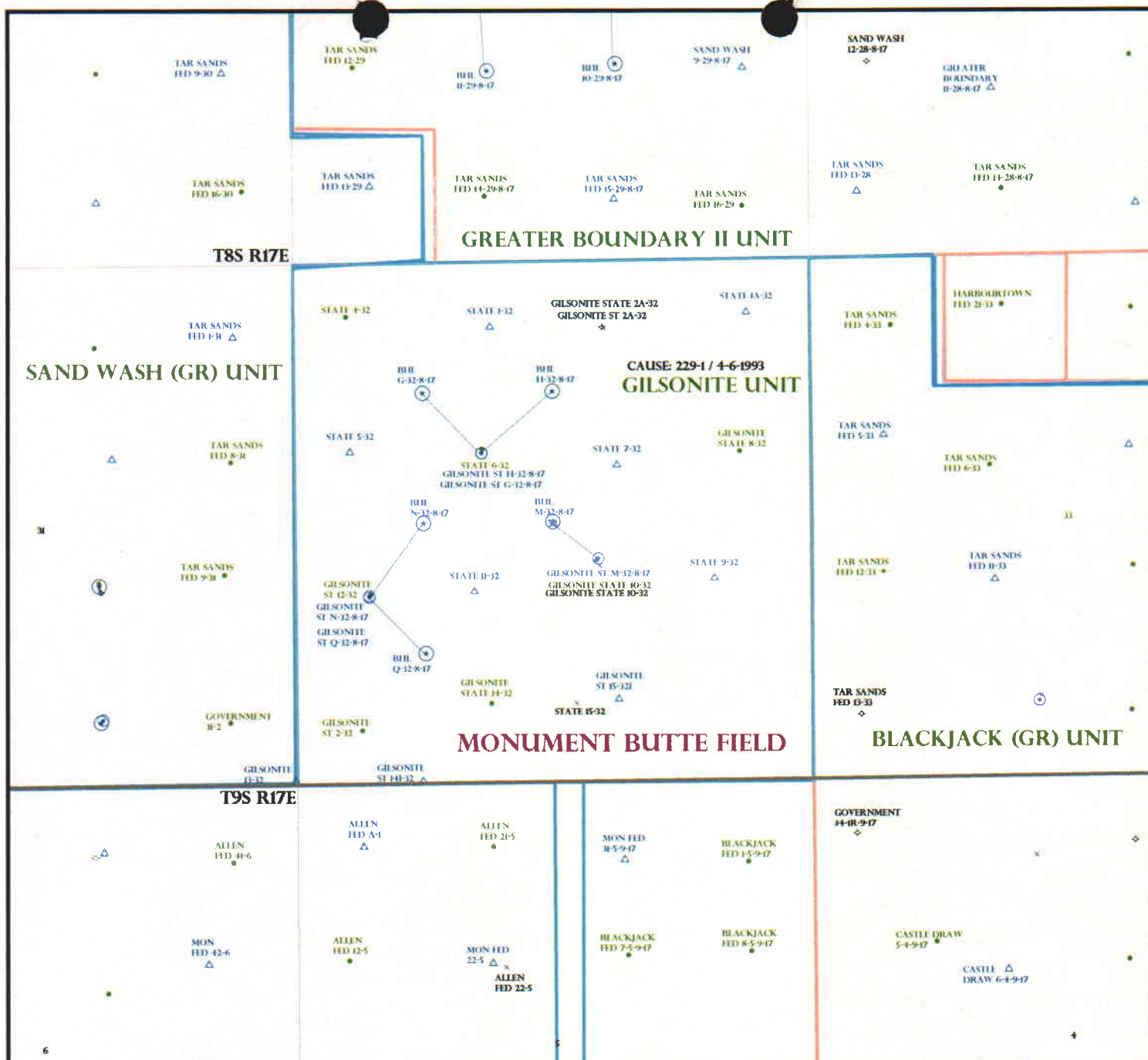
Siting: Suspends General Siting

☒ *R649-3-11. Directional Drill*

COMMENTS: *Needs Permit (01-11-06)*

STIPULATIONS: *1. STATEMENT OF BASIS*

2-Cement Stop #4 (8 5/8" and 5 1/2" casing strings)



OPERATOR: NEWFIELD PROD CO (N2695)

SEC: 32 T. 8S R. 17E

FIELD: MONUMENT BUTTE (105)

COUNTY: DUCHESNE

CAUSE: 229-1 / 4-6-1993

Field Status

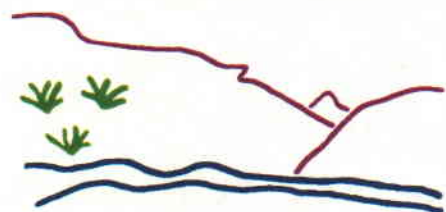
- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- PROPOSED
- STORAGE
- TERMINATED

Unit Status

- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PENDING
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

Wells Status

- GAS INJECTION
- GAS STORAGE
- LOCATION ABANDONED
- NEW LOCATION
- PLUGGED & ABANDONED
- PRODUCING GAS
- PRODUCING OIL
- SHUT-IN GAS
- SHUT-IN OIL
- TEMP. ABANDONED
- TEST WELL
- WATER INJECTION
- WATER SUPPLY
- WATER DISPOSAL
- DRILLING



Utah Oil Gas and Mining



PREPARED BY: DIANA WHITNEY
DATE: 27-DECEMBER-2005

**DIVISION OF OIL, GAS AND MINING
APPLICATION FOR PERMIT TO DRILL
STATEMENT OF BASIS**

OPERATOR: NEWFIELD PRODUCTION COMPANY
WELL NAME & NUMBER: GILSONITE STATE H-32-8-17
API NUMBER: 43-013-33010
LOCATION: 1/4, 1/4 SENW Sec: 32 TWP: 8S RNG: 17E 1943' FNL 1916' FWL

Geology/Ground Water:

Newfield proposes to set 290' of surface casing at this location. The depth to the base of the moderately saline water at this location is estimated to be at a depth of 300'. A search of Division of Water Rights records shows one water well within a 10,000 foot radius of the center of section 32. This well is approximately one mile from the proposed location and it's depth is not listed. The well is owned by the BLM and it's listed use is for stock watering. The surface formation at this site is the Uinta Formation. The Uinta Formation is made up of interbedded shales and sandstones. The sandstones are mostly lenticular and discontinuous and should not be a significant source of useable ground water. The proposed casing and cement program should adequately protect any useable ground water and nearby wells.

Reviewer: Brad Hill **Date:** 01/18/06

Surface:

The pre-site investigation of the surface was performed on 01/11/2006. This site is on State surface, with State minerals. SITLA representative Jim Davis was present, but voiced no concerns with this location. Ben Williams of DWR stated that this area is critical Pronghorn habitat but stated no concerns with this site.

Reviewer: Richard Powell **Date:** 01/11/2006

Conditions of Approval/Application for Permit to Drill:

1. A synthetic liner with a minimum thickness of 12 mils shall be properly installed and maintained in the reserve pit.

ON-SITE PREDRILL EVALUATION
Division of Oil, Gas and Mining

OPERATOR: NEWFIELD PRODUCTION COMPANY
WELL NAME & NUMBER: GILSONITE STATE H-32-8-17
API NUMBER: 43-013-33010
LEASE: SITLA **FIELD/UNIT:** MONUMENT BUTTE
LOCATION: 1/4, 1/4 SE/NW **Sec:** 32 **TWP:** 8S **RNG:** 17E 1943' **FNL** 1916' **FWL**
LEGAL WELL SITING: General State Siting Rule suspended
GPS COORD (UTM): 4436475Y 0582520X **SURFACE OWNER:** SITLA.

PARTICIPANTS

Richard Powell (DOGM), Shon McKinnon (Newfield), Jim Davis (SITLA), Ben Williams (DWR).

REGIONAL/LOCAL SETTING & TOPOGRAPHY

The area surrounding this location is typified by low-lying hills and shallow drainages, and is in the midst of numerous previously completed oil wells. Myton, UT is approximately 12 miles by road to the north.

SURFACE USE PLAN

CURRENT SURFACE USE: Wildlife Grazing, oil and gas production. The location is the site of a producing oil well (Gilsonite State 6-32-8-17).

PROPOSED SURFACE DISTURBANCE: Location will be 320' by 229'. There is no new proposed access road for this location.

LOCATION OF EXISTING WELLS WITHIN A 1-MILE RADIUS: See attached map from GIS database.

LOCATION OF PRODUCTION FACILITIES AND PIPELINES: All production facilities will be on location and added after drilling well.

SOURCE OF CONSTRUCTION MATERIAL: All construction material will be borrowed from site during construction of location.

ANCILLARY FACILITIES: None will be required.

WILL DRILLING AT THIS LOCATION GENERATE PUBLIC INTEREST OF CONCERNS? (EXPLAIN): Unlikely.

WASTE MANAGEMENT PLAN:

Drilled cuttings will be settled into reserve pit. Liquids from pit will be allowed to evaporate. Formation water will be confined to storage tanks. Portable toilets, sewage holding tanks, and onsite sewage treatment equipment will be handled by commercial contractors and regulated by the appropriate health authority. Trash will be contained in trash baskets and disposed of at an approved landfill.

ENVIRONMENTAL PARAMETERS

AFFECTED FLOODPLAINS AND/OR WETLANDS: none

FLORA/FAUNA: Sagebrush, bunch grass, rabbit brush, halogeton, prickly pear / Rodents, Raptors, Coyote, Songbirds, Rabbit, Bobcat, Pronghorn.

SOIL TYPE AND CHARACTERISTICS: Light brown sandy clay.

EROSION/SEDIMENTATION/STABILITY: Very little natural erosion. Sedimentation and stability are not a problem and location construction shouldn't cause an increase in stability or erosion problems.

PALEONTOLOGICAL POTENTIAL: None observed.

RESERVE PIT

CHARACTERISTICS: 80' BY 40' and eight feet deep.

LINER REQUIREMENTS (Site Ranking Form attached): A liner will be required for reserve pit. Site ranking score is 25.

SURFACE RESTORATION/RECLAMATION PLAN:

SURFACE AGREEMENT: As per SITLA.

CULTURAL RESOURCES/ARCHAEOLOGY: unknown

OTHER OBSERVATIONS/COMMENTS

As proposed there will be three wells on this location, Gilsonite State 6-32-8-17 (P-OW), Gilsonite State G 32-8-17, and this well.

ATTACHMENTS

Photos of this site were taken and placed on file.

RICHARD POWELL
· DOGM REPRESENTATIVE

01/11/06 09:20 AM
DATE/TIME

**Location Ranking Criteria and Ranking Score
For Reserve and Onsite Pit Liner Requirements**

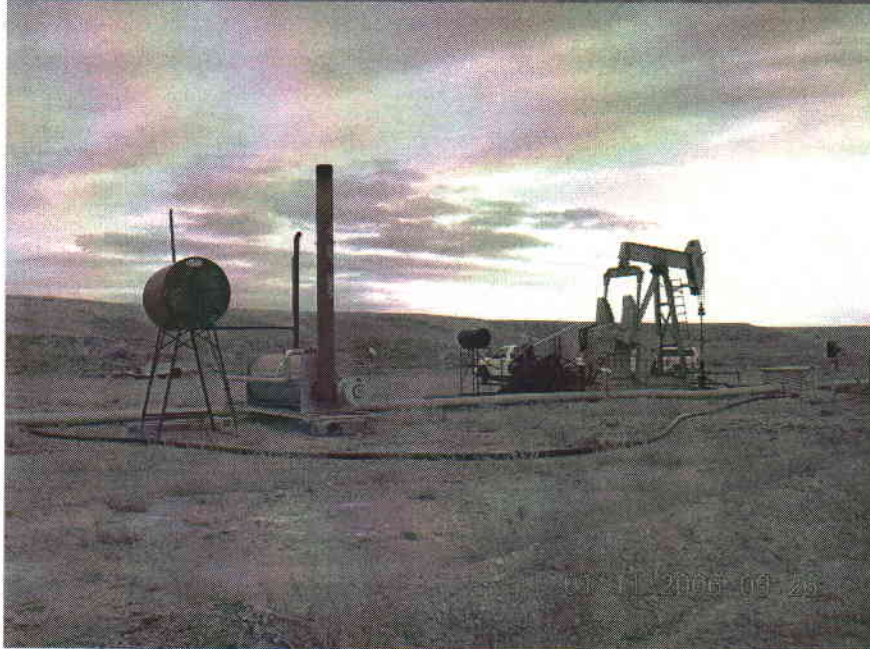
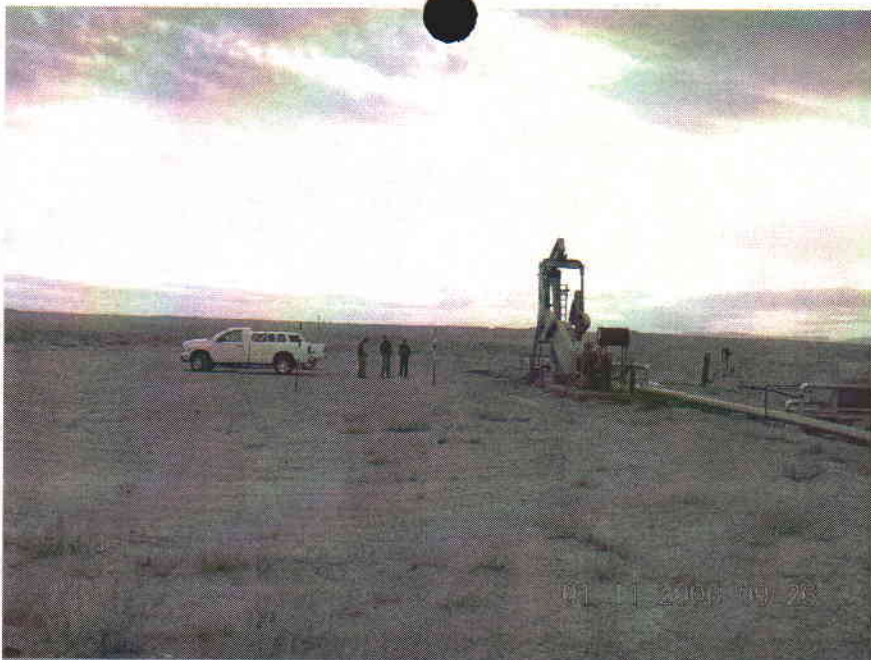
<u>Site-Specific Factors</u>	<u>Ranking</u>	<u>Site Ranking</u>
Distance to Groundwater (feet)		
>200	0	
100 to 200	5	
75 to 100	10	
25 to 75	15	
<25 or recharge area	20	<u>0</u>
Distance to Surf. Water (feet)		
>1000	0	
300 to 1000	2	
200 to 300	10	
100 to 200	15	
< 100	20	<u>0</u>
Distance to Nearest Municipal Well (feet)		
>5280	0	
1320 to 5280	5	
500 to 1320	10	
<500	20	<u>0</u>
Distance to Other Wells (feet)		
>1320	0	
300 to 1320	10	
<300	20	<u>0</u>
Native Soil Type		
Low permeability	0	
Mod. permeability	10	
High permeability	20	<u>20</u>
Fluid Type		
Air/mist	0	
Fresh Water	5	
TDS >5000 and <10000	10	
TDS >10000 or Oil Base Mud Fluid	15	
containing significant levels of hazardous constituents	20	<u>5</u>
Drill Cuttings		
Normal Rock	0	
Salt or detrimental	10	<u>0</u>
Annual Precipitation (inches)		
<10	0	
10 to 20	5	
>20	10	<u>0</u>
Affected Populations		
<10	0	
10 to 30	6	
30 to 50	8	
>50	10	<u>0</u>
Presence of Nearby Utility Conduits		
Not Present	0	
Unknown	10	
Present	15	<u>0</u>

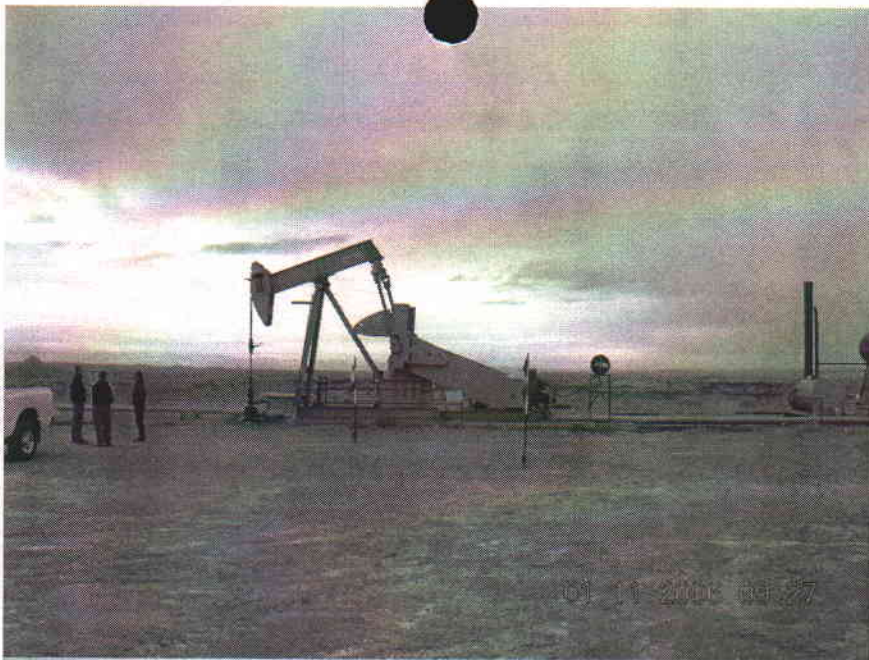
Final Score 25 (Level I Sensitivity)

Sensitivity Level I = 20 or more; total containment is required.

Sensitivity Level II = 15-19; lining is discretionary.

Sensitivity Level III = below 15; no specific lining is required.







State Online Services

Agency List

Business.utah.gov

Search Utah.gov

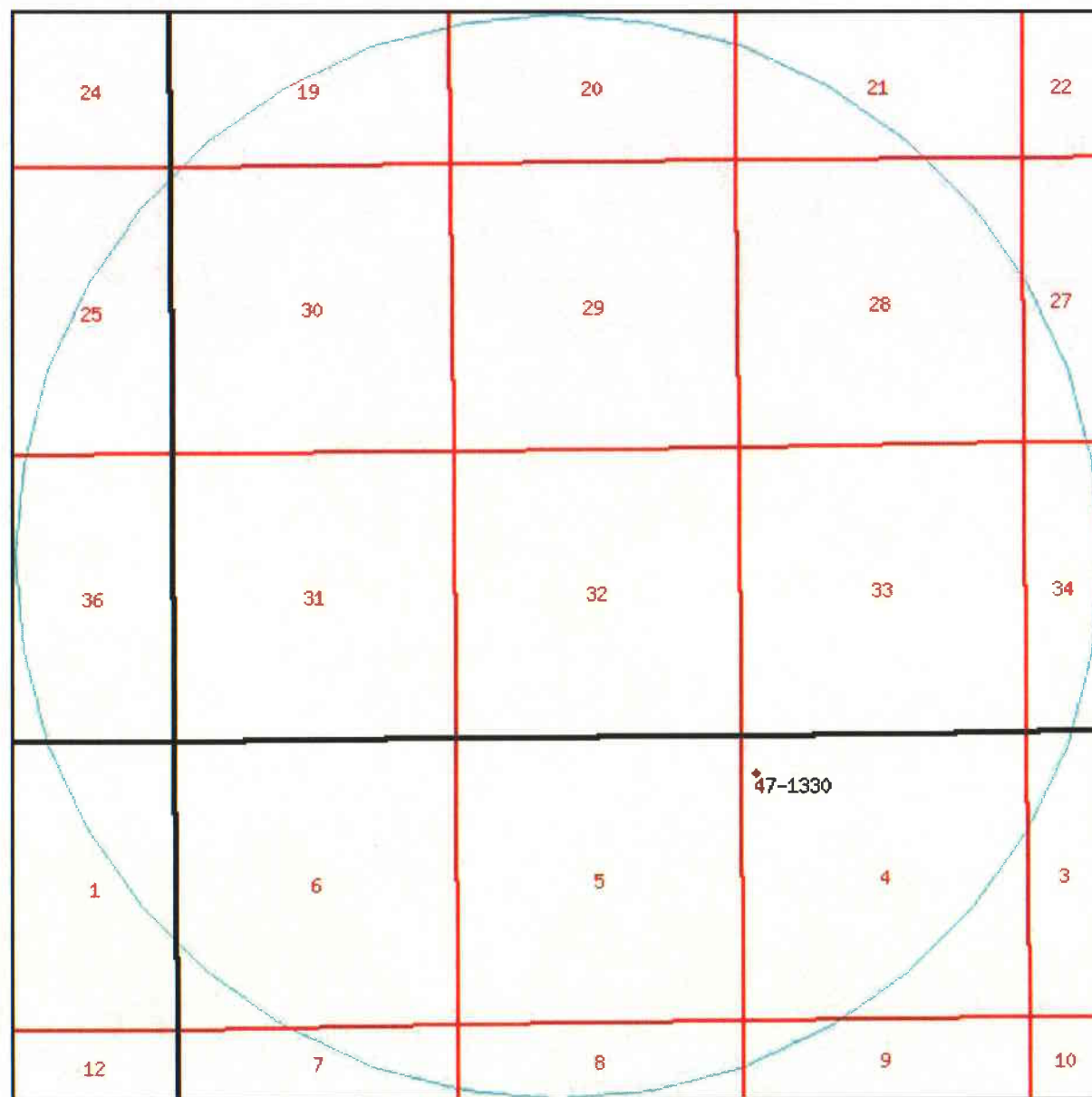
GO

UTAH DIVISION OF WATER RIGHTS

WRPLAT Program Output Listing

Version: 2004.12.30.00 Rundate: 01/18/2006 09:07 AM

Radius search of 10000 feet from a point S1943 E1916 from the NW corner, section 32, Township 8S, Range 17E, SL b&m
Criteria:wrtypes=W,C,E podtypes=U status=U,A,P usetypes=all



0 1300 2600 3900 5200 ft

Water Rights

WR Number	Diversion Type/Location	Well Log	Status	Priority	Uses	CFS	ACFT	Owner Name
<u>47-1330</u>	Underground S725 E257 NW 04 9S 17E SL		P	19341103	S	0.015	0.000	USA BUREAU OF LAND MANAGEMENT 2370 SOUTH 2300 WEST

[Natural Resources](#) | [Contact](#) | [Disclaimer](#) | [Privacy Policy](#) | [Accessibility Policy](#)

Casing Schematic

Uinta

Surface

8-5/8"
MW 8.4
Frac 19.3

300
8msh
TOC @
438.

TOC @
0.
Surface
290. MD
290. TVD

✓ w/ 12% Washout

BHP

$$(0.52)(8.4)(6200) = 2708$$

Anticipate 2,000

Gas

$$(0.12)(6200) = 744$$

MAWP = 1964

BOPE - 2,000 ✓

Surf Ccg - 2950
70% = 2065

Max pressure @ Surf Ccg shoe = 1908

✓ Test to 1400# (Surface - 1283#)

✓ Adequate DCD 3/14/06

1700 Green River

3779
Toe Tail

✓ Slip - Toe Surface

w/ 15% Washout

5-1/2"
MW 8.4

Production
6313. MD
6200. TVD

Well name:

03-06 Newfield Gilsonite St H-32-8-17Operator: **Newfield Production**String type: **Surface**

Project ID:

43-013-33010Location: **Duchesne County, Utah****Design parameters:****Collapse**

Mud weight: 8.400 ppg

Design is based on evacuated pipe.

Minimum design factors:**Collapse:**

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No

Surface temperature: 75 °F

Bottom hole temperature: 79 °F

Temperature gradient: 1.40 °F/100ft

Minimum section length: 290 ft

Cement top: Surface

Burst

Max anticipated surface pressure:

255 psi

Internal gradient: 0.120 psi/ft

Calculated BHP 290 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)

8 Round LTC: 1.80 (J)

Buttress: 1.60 (J)

Premium: 1.50 (J)

Body yield: 1.50 (B)

Non-directional string.

Re subsequent strings:

Next setting depth: 6,200 ft

Next mud weight: 8.400 ppg

Next setting BHP: 2,705 psi

Fracture mud wt: 19.250 ppg

Fracture depth: 290 ft

Injection pressure 290 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	290	8.625	24.00	J-55	ST&C	290	290	7.972	14

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	127	1370	10.826	290	2950	10.17	6	244	40.12 J

Prepared by: Clinton Dworshak
Utah Div. of Oil & MiningPhone: (810) 538-5280
FAX: (801) 359-3940Date: March 14, 2006
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 290 ft, a mud weight of 8.4 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

Well name:

03-06 Newfield Gilsonite St H-32-8-17Operator: **Newfield Production**String type: **Production**

Project ID:

43-013-33010Location: **Duchesne County, Utah****Design parameters:****Collapse**Mud weight: 8.400 ppg
Design is based on evacuated pipe.**Minimum design factors:****Collapse:**

Design factor 1.125

Burst:

Design factor 1.00

Environment:H2S considered? No
Surface temperature: 75 °F
Bottom hole temperature: 162 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 1,500 ft

Cement top: 438 ft

BurstMax anticipated surface pressure: 1,961 psi
Internal gradient: 0.120 psi/ft
Calculated BHP 2,705 psi

No backup mud specified.

Tension:8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)**Directional well information:**Kick-off point 0 ft
Departure at shoe: 1062 ft
Maximum dogleg: 2 °/100ft
Inclination at shoe: 0 °

Tension is based on buoyed weight.

Neutral point: 5,522 ft

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	6313	5.5	15.50	J-55	LT&C	6200	6313	4.825	197.9
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	2705	4040	1.493	2705	4810	1.78	84	217	2.59 J

Prepared by: Clinton Dworshak
Utah Div. of Oil & MiningPhone: (810) 538-5280
FAX: (801) 359-3940Date: March 14, 2006
Salt Lake City, Utah**Remarks:**

Collapse is based on a vertical depth of 6200 ft, a mud weight of 8.4 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Collapse strength is (biaxially) derated for doglegs in directional wells by multiplying the tensile stress by the cross section area to calculate a

Engineering responsibility for use of this design will be that of the purchaser.

NEWFIELD



ROCKY MOUNTAINS

February 10, 2006

Ms. Diana Whitney
State of Utah - Division of Oil, Gas and Mining
P.O. Box 145801
Salt Lake City, Utah 84114-5801

Re: Directional Drilling R649-3-11

Gilsonite State #G-32-8-17: 1943' FNL, 1918' FWL (surface)
1326' FNL, 1322' FWL (bottomhole)
Gilsonite State #H-32-8-17: 1943' FNL, 1916' FWL (surface)
1326' FNL, 2644' FWL (bottomhole)
Gilsonite State #M-32-8-17: 2178' FSL, 2273' FEL (surface)
2649' FSL, 2643' FEL (bottomhole)
Gilsonite State #Q-32-8-17: 1897' FSL, 755' FWL (surface)
1325' FSL, 1323' FWL (bottomhole)
Gilsonite State #N-32-8-17: 1917' FSL, 750' FWL (surface)
2650' FSL, 1323' FWL (bottomhole)
Duschene Cty., Utah

Dear Ms. Whitney:

Pursuant to the filing by Newfield Production Company (hereinafter "NPC") of five Applications for Permit to Drill (dtd 12/21/2005) concerning the wells referenced above, NPC is hereby submitting this letter in accordance with Oil & Gas Conservation Rule R649-3-3 pertaining to the Exception Location and Siting of Wells and R649-3-11, Directional Drilling.

These wells are located in Section 32: T8S-R17E; the entire section is covered by state lease ML-22060 and the entire section is also known as the Gilsonite Unit.

NPC is permitting these well as directional wells in order to minimize surface disturbance. Locating the wells at these surface locations and directionally drilling from these locations, NPC will be able to utilize the existing the existing road and pipelines in the area.

Page 1

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FEB 13 2006

DIV. OF OIL, GAS & MINING

Please note that the working interest owners within this unit are: Key Production Company, Wilbanks Reserve Corp., ROEC, Inc., Jasper N. Warren, King Oil & Gas of Texas, Ltd. and Rust to Gold, LLC. We have contacted these owners and their consents to these locations are attached.

Therefore, based on the above stated information NPC requests the permit be granted pursuant to R649-3-11.

Sincerely,

Newfield Production Company

A handwritten signature in cursive script, appearing to read "Laurie Deseau".

Laurie Deseau
Properties Administrator

Enclosures

Fax to: 303-893-0103

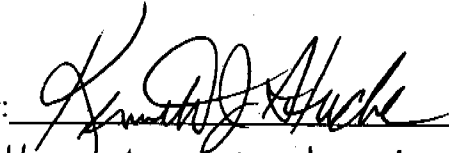
Newfield Production Company

Attn: Laurie Deseau

RE: Gilsonite State #H-32-8-17
Gilsonite State #M-32-8-17
Gilsonite State #Q-32-8-17
Gilsonite State #N-32-8-17
Gilsonite State #G-32-8-17
T8S-R17E, Section 32: All
Gilsonite Unit, Duschene Cty., Utah

Please be advised that Key Production Company does not have an objection to the proposed directional locations of the aforementioned wells.

By: _____



Date: _____

1/18/06

Kenneth J. Stucke

Print Name and Title

Manager-Outside Operated Properties

Fax to: 303-893-0103
Newfield Production Company
Attn: Laurie Deseau

RE: Gilsonite State #H-32-8-17
Gilsonite State #M-32-8-17
Gilsonite State #Q-32-8-17
Gilsonite State #N-32-8-17
Gilsonite State #G-32-8-17
T8S-R17E, Section 32: All
Gilsonite Unit, Duschene Cty., Utah

Please be advised that Wilbanks Reserve Corp. does not have an objection to the proposed directional locations of the aforementioned wells.

By: 

Douglas M. Ward, Mgr. of Engineering

Print Name and Title

Date: February 10, 2006

Fax to: 303-893-0103
Newfield Production Company
Attn: Laurie Deseau

RE: Gilsonite State #H-32-8-17
Gilsonite State #M-32-8-17
Gilsonite State #Q-32-8-17
Gilsonite State #N-32-8-17
Gilsonite State #G-32-8-17
T8S-R17E, Section 32: All
Gilsonite Unit, Duchene Cty., Utah

Please be advised that ROEC, Inc. does not have an objection to the proposed directional locations of the aforementioned wells.

By: WE Richardson
WE Richardson
Print Name and Title
President

Date: 02/09/06

Fax to: 303-893-0103
Newfield Production Company
Attn: Laurie Deseau

RE: Gilsonite State #H-32-8-17
Gilsonite State #M-32-8-17
Gilsonite State #Q-32-8-17
Gilsonite State #N-32-8-17
Gilsonite State #G-32-8-17
T8S-R17E, Section 32: All
Gilsonite Unit, Duchene Cty., Utah

Please be advised that JASPER WARREN does not have an objection to the proposed directional locations of the aforementioned wells.

By: Jasper N. Warren

Date: 01-13-06

INDIVIDUAL
Print Name and Title

Fax to: 303-893-0103
Newfield Production Company
Attn: Laurie Deseau

RE: Gilsonite State #H-32-8-17
Gilsonite State #M-32-8-17
Gilsonite State #Q-32-8-17
Gilsonite State #N-32-8-17
Gilsonite State #G-32-8-17
T8S-R17E, Section 32: All
Gilsonite Unit, Duchene Cty., Utah

Please be advised that King Oil & Gas Co. does not have an objection to the proposed directional locations of the aforementioned wells.

By: 

Date: 1-30-06

Duane H. King
Print Name and Title

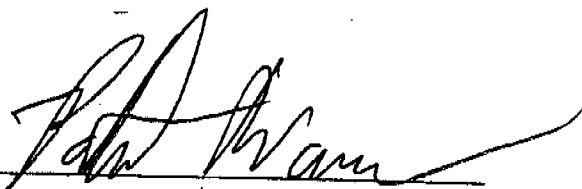
President - King Oil
G.P.

Fax to: 303-893-0103
Newfield Production Company
Attn: Laurie Deseau

RE: Gilsonite State #H-32-8-17
Gilsonite State #M-32-8-17
Gilsonite State #Q-32-8-17
Gilsonite State #N-32-8-17
Gilsonite State #G-32-8-17
T8S-R17E, Section 32: All
Gilsonite Unit, Duchene Cty., Utah

Please be advised that Rust To Gold, LLC does not have an objection to the proposed directional locations of the aforementioned wells.

By:



PATRICK WARREN, MANAGER
Print Name and Title

Date: 01-13-06

From: Ed Bonner
To: Whitney, Diana
Date: 2/22/2006 4:16:52 PM
Subject: Well Clearance

The following wells have been given cultural resource clearance by the Trust Lands Cultural Resources Group:

Newfield Production Company

- Gilsonite State G-32-8-17
- Gilsonite State H-32-8-17
- Gilsonite State M-32-8-17
- Gilsonite State N-32-8-17
- Gilsonite State Q-32-8-17
- Castle Draw State G-2-9-17
- Monument Butte State I-36-8-16
- Monument Butte State L-36-8-16
- Monument Butte State S-36-8-16

Westport Oil & Gas Company

- NBU 1022-16J
- NBU 1022-16L
- NBU 1022-16P
- NBU 1022-18B
- NBU 1022-18D
- NBU 1022-18E
- NBU 1022-18G
- NBU 1022-18H
- NBU 1022-18I
- NBU 1022-18J
- NBU 1022-18N
- NBU 1022-18O
- NBU 1022-18P

If you have any questions regarding this matter please give me a call.

CC: Davis, Jim; Garrison, LaVonne; Hill, Brad; Hunt, Gil

NEWFIELD



March 14, 2006

State of Utah
Division of Oil, Gas & Mining
Attn: Diana Whitney
1594 West North Temple - Suite 1210
P.O. Box 145801
Salt Lake City, Utah 84114-5801

RE: Amended Applications for Permit to Drill, Gilsonite State #G-32-8-17 and
H-32-8-17.

Dear Diana:

Enclosed find the amended Form 3 and plats for the Gilsonite State #G-32-8-17 and #H-32-8-17. Since submission the proposed surface footages have changed. Everything else in the APD will remain unchanged. If you have any questions, feel free to give either Shon McKinnon or myself a call.

Sincerely,

Mandie Crozier
Regulatory Specialist

enclosures

RECEIVED

MAR 15 2006

DIV. OF OIL, GAS & MINING

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

APPLICATION FOR PERMIT TO DRILL, DEEPEN

1a. TYPE OF WORK DRILL ☒ DEEPEN ☐

1b. TYPE OF WELL

OIL ☒ GAS ☐ OTHER ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐

2. NAME OF OPERATOR

Newfield Production Company

3. ADDRESS AND TELEPHONE NUMBER:

Route #3 Box 3630, Myton, UT 84052

Phone: (435) 646-3721

4. LOCATION OF WELL (FOOTAGE)

At Surface SE/NW 1923' FNL 1893' FWL 582513X 4436480Y 40.076446 -110.032301

At proposed Producing Zone

1326' FNL 2644' FWL

582740X 4436666Y 40.078092 -110.029619

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

Approximately 11.6 miles southeast of Myton, UT

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)

Approx. 1326' f/lsc line and 1326' f/unit line

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR ON THIS LEASE, FT.

Approximately 1325' (Down Hole)

16. NO. OF ACRES IN LEASE

598.67

17. NO. OF ACRES ASSIGNED TO THIS WELL

20

19. PROPOSED DEPTH

6500'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DP, RT, GR, etc.)

5253' GL

22. APPROX. DATE WORK WILL START*

1st Quarter 2006

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT/FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4	8 5/8	24#	290'	155 sx +/- 10%
7 7/8	5 1/2	15.5#	TD	275 sx lead followed by 450 sx tail
				See Detail Below

DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

*The actual cement volumes will be calculated off of the open hole logs, plus 15% excess:

SURFACE PIPE - 155 sx Class G Cement +/- 10%, w/ 2% CaCl₂ & 1/4#/sk Cello-flakeWeight: 15.8 PPG YIELD: 1.17 Cu Ft/sk H₂O Req: 5 gal/sk

LONG STRING - Lead: Premium Lite II Cement + 3lbs/sk BA-90 + 3% KCl + .25 lbs/sk Cello Flake + 2 lbs/sk Kol Seal + 10% Bentonite + .5% Sodium Metasilicate

Weight: 11.0 PPG YIELD: 3.43 Cu Ft/sk H₂O Req: 21.04 gal/sk

Tail: 50-50 Poz-Class G Cement + 3% KCl + .25 lbs/sk Cello Flake + 2% Bentonite + .3% Sodium Metasilicate

Weight: 14.2 PPG YIELD: 1.59 Cu Ft/sk H₂O Req: 7.88 gal/sk

24.

Name & Signature

Mandie Crozier

Title:

Regulatory Specialist

Date:

3/14/2006

(This space for State use only)

API Number Assigned:

43-013-33010

APPROVAL:

Approved by the
Utah Division of
Oil, Gas and Mining
Date: 03-22-06
By: [Signature]

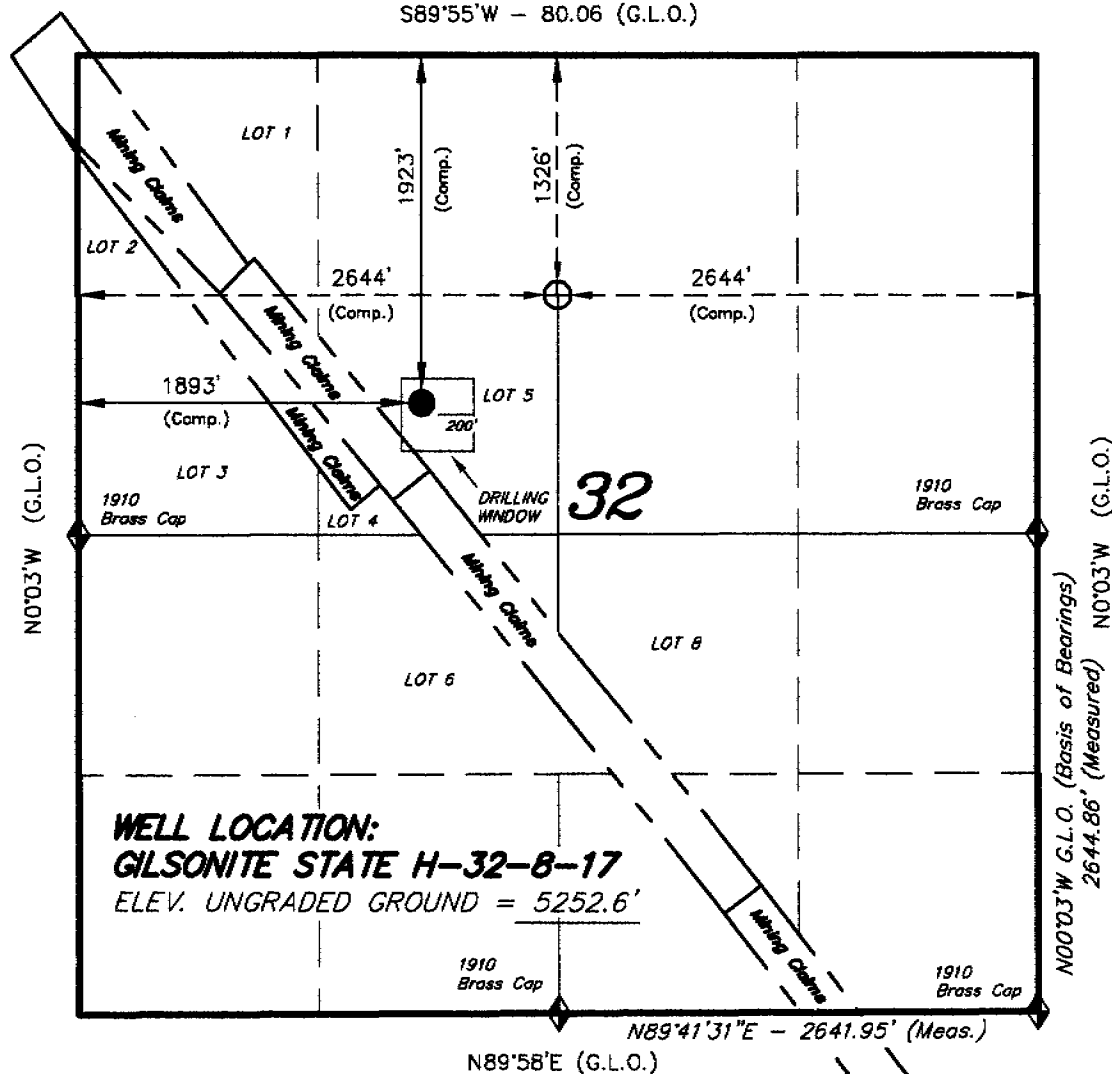
RECEIVED

MAR 15 2006

DIV. OF OIL, GAS & MINING

T8S, R17E, S.L.B.&M.

S89°55'W - 80.06 (G.L.O.)



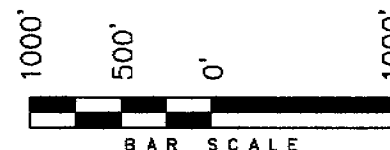
◆ = SECTION CORNERS LOCATED

BASIS OF ELEV;
U.S.G.S. 7-1/2 min QUAD (MYTON SE)

GILSONITE STATE H-32-8-17
(Surface Location) NAD 83
LATITUDE = 40° 04' 35.11"
LONGITUDE = 110° 01' 59.16"

NEWFIELD PRODUCTION COMPANY

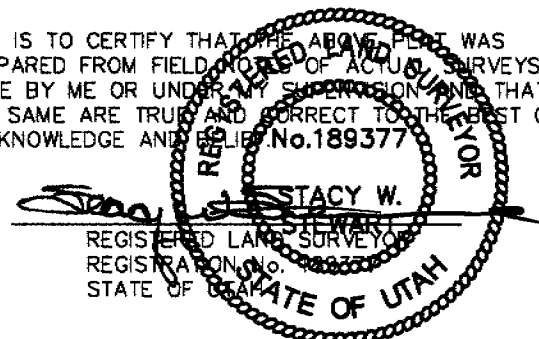
WELL LOCATION, GILSONITE STATE
H-32-8-17, LOCATED AS SHOWN IN
THE NORTH 1/2 OF SECTION 32, T8S,
R17E, S.L.B.&M. DUCHESNE COUNTY,
UTAH.



Note:

1. The West 1/4 Corner of Section 32 bears N45°07'00"W 3738.46' from the South 1/4 Corner of said Section.
2. Some lots were not labeled due to the illegibility of the G.L.O. Plat.
3. The Proposed Well head bears N68°42'22"E 2030.76' from the West 1/4 Corner of Section 32.
4. The top of hole bears N51°27'21"E 960.89' from the Bottom of hole.

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS
PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS
MADE BY ME OR UNDER MY SUPERVISION AND THAT
THE SAME ARE TRUE AND CORRECT TO THE BEST OF
MY KNOWLEDGE AND BELIEF. No. 189377



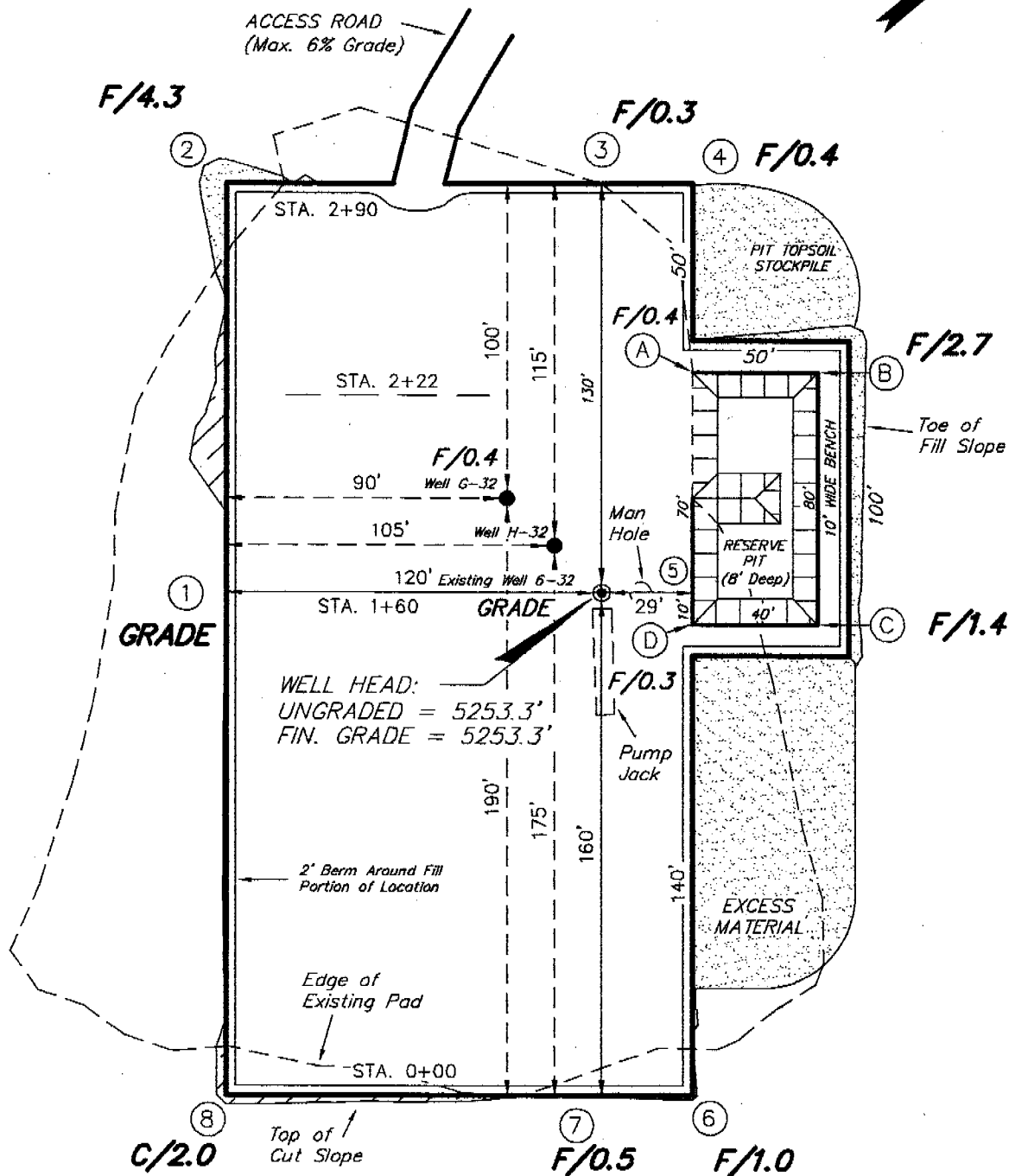
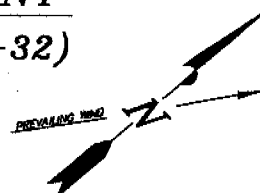
TRI STATE LAND SURVEYING & CONSULTING
180 NORTH VERNAL AVE. - VERNAL, UTAH 84078
(435) 781-2501

DATE SURVEYED: 11-23-05	SURVEYED BY: C.M.
DATE DRAWN: 12-8-05	DRAWN BY: F.T.M.
REVISED: 03-10-06 F.T.M.	SCALE: 1" = 1000'

NEWFIELD PRODUCTION COMPANY

GILSONITE STATE 6-32-8-17 (G-32; H-32)

Section 32, T8S, R17E, S.L.B.&M.



SURVEYED BY: C.M.

SCALE: 1" = 50'

DRAWN BY: F.T.M.

DATE: 03-10-06

Tri State
Land Surveying, Inc.

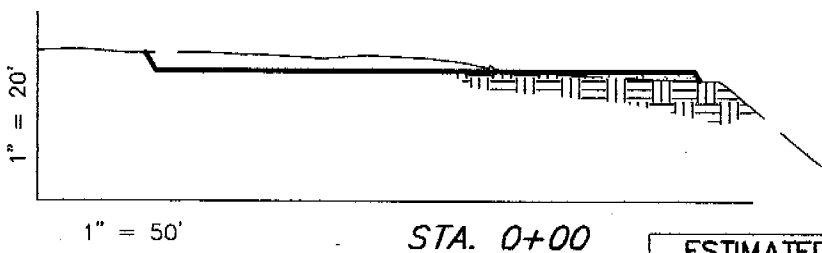
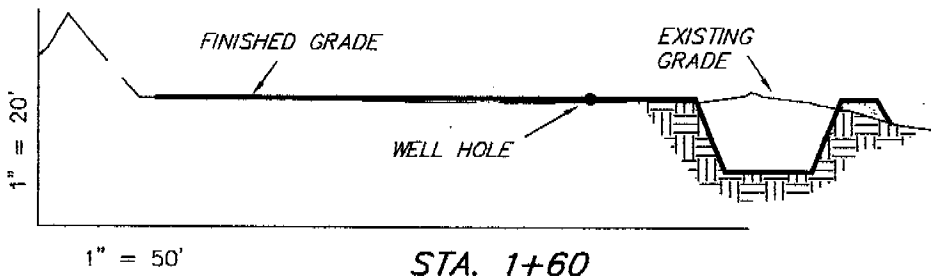
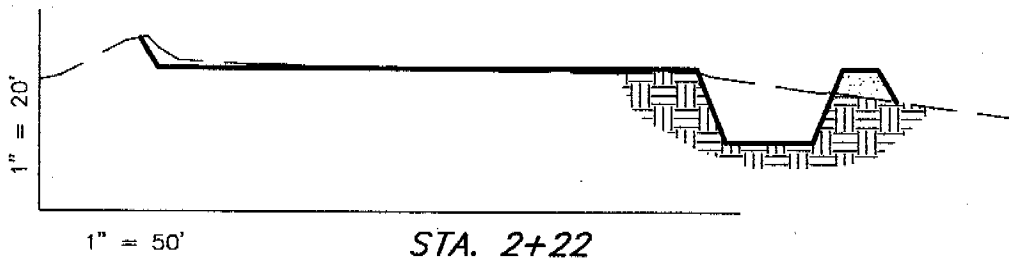
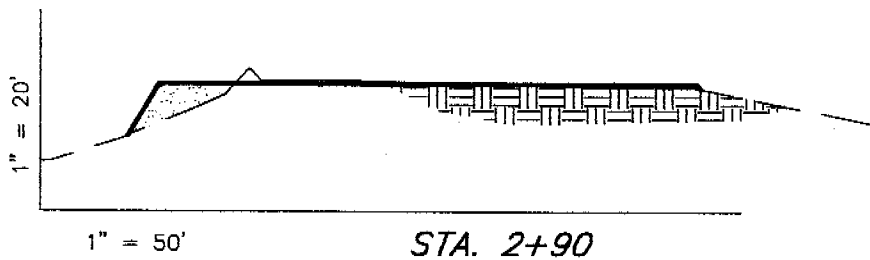
(435) 781-2501

180 NORTH VERNAL AVE, VERNAL, UTAH 84078

NEWFIELD PRODUCTION COMPANY

CROSS SECTIONS

GILSONITE STATE 6-32-8-17 (G-32; H-32)



NOTE:
UNLESS OTHERWISE NOTED
CUT SLOPES ARE AT 1:1
FILL SLOPES ARE AT 1.5:1

ESTIMATED EARTHWORK QUANTITIES (No Shrink or swell adjustments have been used) (Expressed in Cubic Yards)

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	130	750	Topsoil is not included in Pad Cut	-620
PIT	640	0		640
TOTALS	770	750	140	20

SURVEYED BY: C.M.

SCALE: 1" = 50'

DRAWN BY: F.T.M.

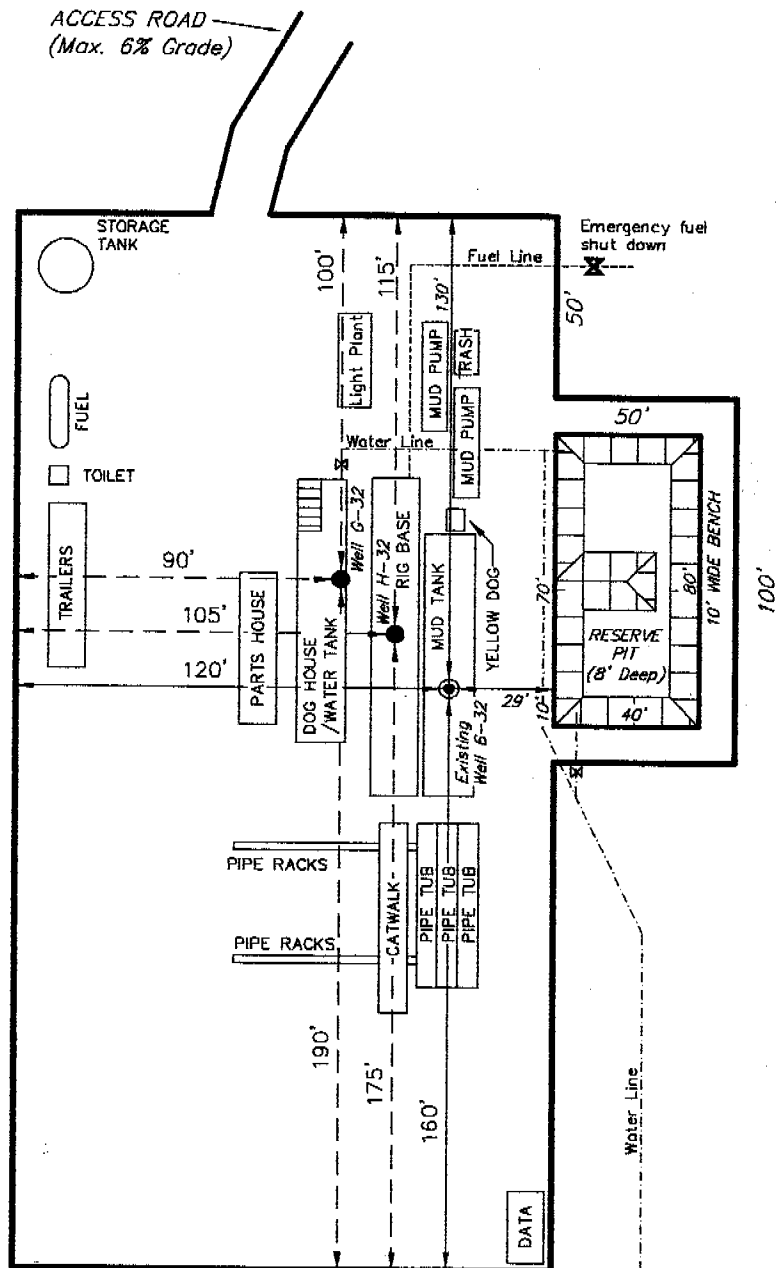
DATE: 03-10-06

Tri State
Land Surveying, Inc.

(435) 781-2501

180 NORTH VERNAL AVE. VERNAL, UTAH 84078

NEWFIELD PRODUCTION COMPANY
TYPICAL RIG LAYOUT
GILSONITE STATE 6-32-8-17 (G-32; H-32)



SURVEYED BY: C.M.

SCALE: 1" = 50'

DRAWN BY: F.T.M.

DATE: 03-10-06

Tri State
Land Surveying, Inc.

(435) 781-2501

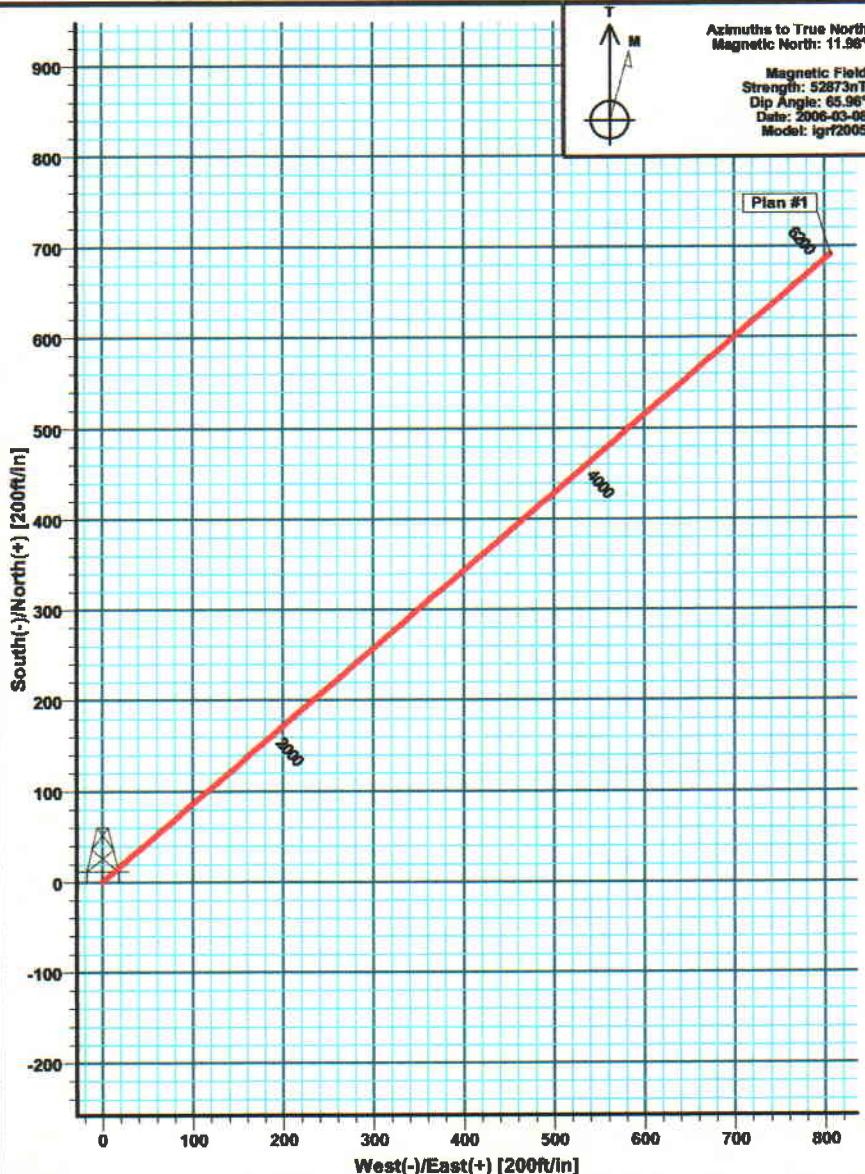
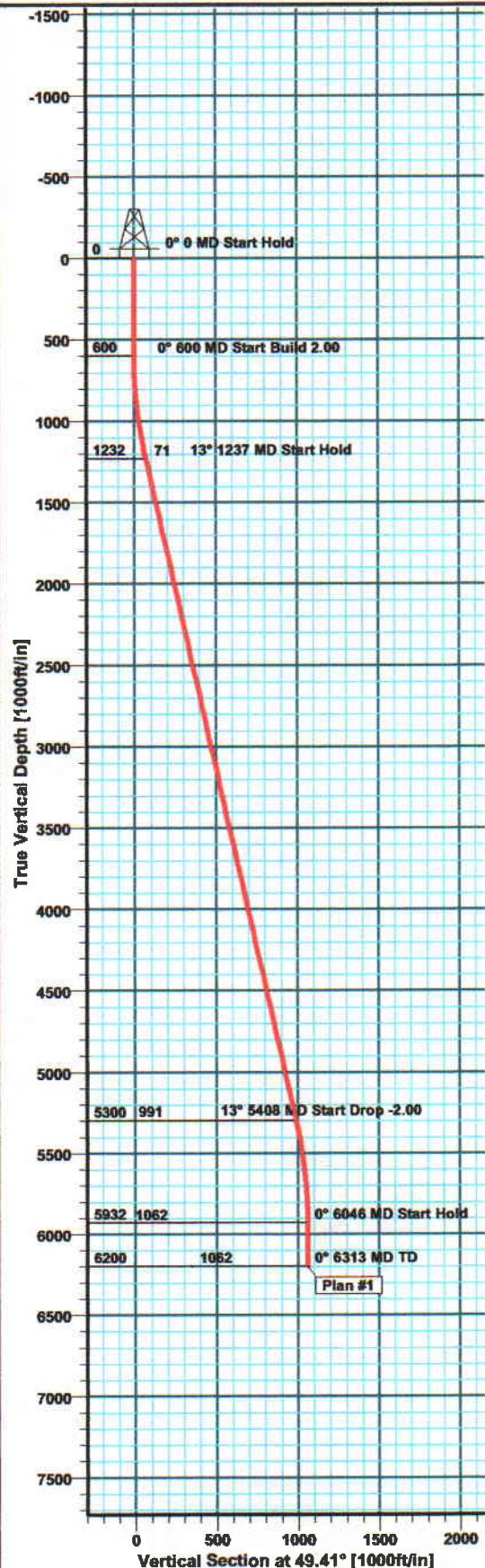
180 NORTH VERNAL AVE. VERNAL, UTAH 84078



Scientific Drilling
Rocky Mountain Operations

Field: Duchesne County, UT
Site: GS H-32-8-17
Well: GS H-32-8-17
Wellpath: OH
Plan: Plan #1

Newfield Exploration Co.



Azimuths to True North
Magnetic North: 11.96°

Magnetic Field
Strength: 52873nT
Dip Angle: 65.96°
Date: 2006-03-08
Model: igr2005

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLog	TFace	VSec	Target
1	0.00	0.00	49.41	0.00	0.00	0.00	0.00	0.00	0.00	
2	600.00	0.00	49.41	600.00	0.00	0.00	0.00	49.41	0.00	
3	1237.50	12.75	49.41	1232.25	45.97	53.64	2.00	49.41	70.64	
4	5408.09	12.75	49.41	5300.00	644.90	752.56	0.00	0.00	991.06	
5	6045.59	0.00	49.41	5932.25	690.86	806.19	2.00	180.00	1061.72	
6	6313.33	0.00	49.41	6200.00	690.86	806.19	0.00	49.41	1061.72	

WELL DETAILS

Name	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Spot
GS H-32-8-17	0.00	0.00	638247.96	2410685.48	40°04'35.086N	110°01'58.351W	N/A

SITE DETAILS

GS H-32-8-17
Sec. 32 T8S R17E
Site Centre Latitude: 40°04'35.086N
Longitude: 110°01'58.351W
Ground Level: 5252.00
Positional Uncertainty: 0.00
Convergence: 0.94

Plan: Plan #1 (GS H-32-8-17/OH)

Created By: Julie Seaman Date: 2006-03-08

FIELD DETAILS

Duchesne County, UT

Geodetic System: US State Plane Coordinate System 1927
Ellipsoid: NAD27 (Clarke 1866)
Zone: Utah, Central Zone
Magnetic Model: igr2005

System Datum: Mean Sea Level
Local North: True North

Scientific Drilling International

Planning Report

Company: Newfield Exploration Co.
Field: Duchesne County, UT
Site: GS H-32-8-17
Well: GS H-32-8-17
Wellpath: OH

Date: 2006-03-08 **Time:** 09:51:36 **Page:** 1
Co-ordinate(NE) Reference: Well: GS H-32-8-17, True North
Vertical (TVD) Reference: GL 5252' & RKB 12' 5264.0
Section (VS) Reference: Well (0.00N,0.00E,49.41Azi)
Plan: Plan #1

Field: Duchesne County, UT

Map System: US State Plane Coordinate System 1927
Geo Datum: NAD27 (Clarke 1866)
Sys Datum: Mean Sea Level

Map Zone: Utah, Central Zone
Coordinate System: Well Centre
Geomagnetic Model: igrf2005

Site: GS H-32-8-17
 Sec. 32 T8S R17E

Site Position: Northing: 638247.96 ft Latitude: 40 4 35.086 N
From: Geographic Easting: 2410685.48 ft Longitude: 110 1 56.351 W
Position Uncertainty: 0.00 ft North Reference: True
Ground Level: 5252.00 ft Grid Convergence: 0.94 deg

Well: GS H-32-8-17

Slot Name:

SHL: 1943' FNL, 1916' FWL

Well Position: +N/-S 0.00 ft Northing: 638247.96 ft Latitude: 40 4 35.086 N
 +E/-W 0.00 ft Easting: 2410685.48 ft Longitude: 110 1 56.351 W
Position Uncertainty: 0.00 ft

Wellpath: OH

Drilled From: Surface

Current Datum: GL 5252' & RKB 12' Height: 5264.00 ft
Magnetic Data: 2006-03-08
Field Strength: 52873 nT
Vertical Section: Depth From (TVD) +N/-S +E/-W Direction
 ft ft ft deg

0.00 0.00 0.00 49.41

Plan: Plan #1

Date Composed: 2006-03-08

Principal: Yes

Version: 1
Tied-to: From Surface

Plan Section Information

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg	Target
0.00	0.00	49.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
600.00	0.00	49.41	600.00	0.00	0.00	0.00	0.00	0.00	49.41	
1237.50	12.75	49.41	1232.25	45.97	53.64	2.00	2.00	0.00	49.41	
5408.09	12.75	49.41	5300.00	644.90	752.56	0.00	0.00	0.00	0.00	
6045.59	0.00	49.41	5932.25	690.86	806.19	2.00	-2.00	0.00	180.00	
6313.33	0.00	49.41	6200.00	690.86	806.19	0.00	0.00	0.00	49.41	

Section 1 : Start Hold

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
0.00	0.00	49.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.00	49.41	100.00	0.00	0.00	0.00	0.00	0.00	0.00	49.41
200.00	0.00	49.41	200.00	0.00	0.00	0.00	0.00	0.00	0.00	49.41
300.00	0.00	49.41	300.00	0.00	0.00	0.00	0.00	0.00	0.00	49.41
400.00	0.00	49.41	400.00	0.00	0.00	0.00	0.00	0.00	0.00	49.41
500.00	0.00	49.41	500.00	0.00	0.00	0.00	0.00	0.00	0.00	49.41
600.00	0.00	49.41	600.00	0.00	0.00	0.00	0.00	0.00	0.00	49.41

Section 2 : Start Build 2.00

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
700.00	2.00	49.41	699.98	1.14	1.33	1.75	2.00	2.00	0.00	0.00
800.00	4.00	49.41	799.84	4.54	5.30	6.98	2.00	2.00	0.00	0.00
900.00	6.00	49.41	899.45	10.21	11.92	15.69	2.00	2.00	0.00	0.00
1000.00	8.00	49.41	998.70	18.14	21.17	27.88	2.00	2.00	0.00	0.00
1100.00	10.00	49.41	1097.47	28.32	33.05	43.52	2.00	2.00	0.00	0.00
1200.00	12.00	49.41	1195.62	40.74	47.54	62.60	2.00	2.00	0.00	0.00

Scientific Drilling International

Planning Report

Company: Newfield Exploration Co.
Field: Duchesne County, UT
Site: GS H-32-8-17
Well: GS H-32-8-17
Wellpath: OH

Date: 2006-03-08 Time: 09:51:36 Page: 2
Co-ordinate(NE) Reference Well: GS H-32-8-17, True North
Vertical (TVD) Reference GL 5252' & RKB 12' 5264.0
Section (VS) Reference: Well (0.00N,0.00E,49.41Azi)
Plan: Plan #1

Section 2 : Start Build 2.00

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
1237.50	12.75	49.41	1232.25	45.97	53.64	70.64	2.00	2.00	0.00	0.00

Section 3 : Start Hold

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
1300.00	12.75	49.41	1293.21	54.94	64.11	84.43	0.00	0.00	0.00	0.00
1400.00	12.75	49.41	1390.74	69.30	80.87	106.50	0.00	0.00	0.00	0.00
1500.00	12.75	49.41	1488.28	83.66	97.63	128.57	0.00	0.00	0.00	0.00
1600.00	12.75	49.41	1585.81	98.02	114.39	150.64	0.00	0.00	0.00	0.00
1700.00	12.75	49.41	1683.35	112.38	131.15	172.71	0.00	0.00	0.00	0.00
1800.00	12.75	49.41	1780.88	126.75	147.90	194.78	0.00	0.00	0.00	0.00
1900.00	12.75	49.41	1878.42	141.11	164.66	216.85	0.00	0.00	0.00	0.00
2000.00	12.75	49.41	1975.95	155.47	181.42	238.92	0.00	0.00	0.00	0.00
2100.00	12.75	49.41	2073.48	169.83	198.18	260.99	0.00	0.00	0.00	0.00
2200.00	12.75	49.41	2171.02	184.19	214.94	283.06	0.00	0.00	0.00	0.00
2300.00	12.75	49.41	2268.55	198.55	231.69	305.13	0.00	0.00	0.00	0.00
2400.00	12.75	49.41	2366.09	212.91	248.45	327.20	0.00	0.00	0.00	0.00
2500.00	12.75	49.41	2463.62	227.27	265.21	349.27	0.00	0.00	0.00	0.00
2600.00	12.75	49.41	2561.16	241.63	281.97	371.34	0.00	0.00	0.00	0.00
2700.00	12.75	49.41	2658.69	255.99	298.73	393.41	0.00	0.00	0.00	0.00
2800.00	12.75	49.41	2756.22	270.35	315.49	415.48	0.00	0.00	0.00	0.00
2900.00	12.75	49.41	2853.76	284.71	332.24	437.55	0.00	0.00	0.00	0.00
3000.00	12.75	49.41	2951.29	299.08	349.00	459.62	0.00	0.00	0.00	0.00
3100.00	12.75	49.41	3048.83	313.44	365.76	481.69	0.00	0.00	0.00	0.00
3200.00	12.75	49.41	3146.36	327.80	382.52	503.76	0.00	0.00	0.00	0.00
3300.00	12.75	49.41	3243.90	342.16	399.28	525.83	0.00	0.00	0.00	0.00
3400.00	12.75	49.41	3341.43	356.52	416.04	547.90	0.00	0.00	0.00	0.00
3500.00	12.75	49.41	3438.96	370.88	432.79	569.97	0.00	0.00	0.00	0.00
3600.00	12.75	49.41	3536.50	385.24	449.55	592.04	0.00	0.00	0.00	0.00
3700.00	12.75	49.41	3634.03	399.60	466.31	614.11	0.00	0.00	0.00	0.00
3800.00	12.75	49.41	3731.57	413.96	483.07	636.18	0.00	0.00	0.00	0.00
3900.00	12.75	49.41	3829.10	428.32	499.83	658.25	0.00	0.00	0.00	0.00
4000.00	12.75	49.41	3926.63	442.68	516.58	680.32	0.00	0.00	0.00	0.00
4100.00	12.75	49.41	4024.17	457.05	533.34	702.39	0.00	0.00	0.00	0.00
4200.00	12.75	49.41	4121.70	471.41	550.10	724.46	0.00	0.00	0.00	0.00
4300.00	12.75	49.41	4219.24	485.77	566.86	746.52	0.00	0.00	0.00	0.00
4400.00	12.75	49.41	4316.77	500.13	583.62	768.59	0.00	0.00	0.00	0.00
4500.00	12.75	49.41	4414.31	514.49	600.38	790.66	0.00	0.00	0.00	0.00
4600.00	12.75	49.41	4511.84	528.85	617.13	812.73	0.00	0.00	0.00	0.00
4700.00	12.75	49.41	4609.37	543.21	633.89	834.80	0.00	0.00	0.00	0.00
4800.00	12.75	49.41	4706.91	557.57	650.65	856.87	0.00	0.00	0.00	0.00
4900.00	12.75	49.41	4804.44	571.93	667.41	878.94	0.00	0.00	0.00	0.00
5000.00	12.75	49.41	4901.98	586.29	684.17	901.01	0.00	0.00	0.00	0.00
5100.00	12.75	49.41	4999.51	600.65	700.93	923.08	0.00	0.00	0.00	0.00
5200.00	12.75	49.41	5097.05	615.02	717.68	945.15	0.00	0.00	0.00	0.00
5300.00	12.75	49.41	5194.58	629.38	734.44	967.22	0.00	0.00	0.00	0.00
5400.00	12.75	49.41	5292.11	643.74	751.20	989.29	0.00	0.00	0.00	0.00
5408.09	12.75	49.41	5300.00	644.90	752.56	991.08	0.00	0.00	0.00	0.00

Section 4 : Start Drop -2.00

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
5500.00	10.91	49.41	5389.96	657.16	766.86	1009.92	2.00	-2.00	0.00	180.00
5600.00	8.91	49.41	5488.46	668.36	779.93	1027.13	2.00	-2.00	0.00	180.00
5700.00	6.91	49.41	5587.50	677.32	790.39	1040.90	2.00	-2.00	0.00	180.00
5800.00	4.91	49.41	5686.97	684.02	798.21	1051.20	2.00	-2.00	0.00	180.00
5900.00	2.91	49.41	5786.73	688.46	803.39	1058.02	2.00	-2.00	0.00	-180.00
6000.00	0.91	49.41	5886.67	690.63	805.92	1061.35	2.00	-2.00	0.00	180.00
6045.59	0.00	49.41	5932.25	690.86	806.19	1061.72	2.00	-2.00	0.00	-180.00

Scientific Drilling International

Planning Report

Company: Newfield Exploration Co.
Field: Duchesne County, UT
Site: GS H-32-8-17
Well: GS H-32-8-17
Wellpath: OH

Date: 2006-03-08 Time: 09:51:36 Page: 3
Co-ordinate(NE) Reference: Well: GS H-32-8-17, True North
Vertical (TVD) Reference: GL 5252' & RKB 12' 5264.0
Section (VS) Reference: Well (0.00N,0.00E,49.41Azi)
Plan: Plan #1

Section 5 : Start Hold

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
6100.00	0.00	49.41	5986.67	690.86	806.19	1061.72	0.00	0.00	0.00	49.41
6200.00	0.00	49.41	6086.67	690.86	806.19	1061.72	0.00	0.00	0.00	49.41
6300.00	0.00	49.41	6186.67	690.86	806.19	1061.72	0.00	0.00	0.00	49.41
6313.33	0.00	49.41	6200.00	690.86	806.19	1061.72	0.00	0.00	0.00	49.41

Survey

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
0.00	0.00	49.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
100.00	0.00	49.41	100.00	0.00	0.00	0.00	0.00	0.00	0.00	MWD
200.00	0.00	49.41	200.00	0.00	0.00	0.00	0.00	0.00	0.00	MWD
300.00	0.00	49.41	300.00	0.00	0.00	0.00	0.00	0.00	0.00	MWD
400.00	0.00	49.41	400.00	0.00	0.00	0.00	0.00	0.00	0.00	MWD
500.00	0.00	49.41	500.00	0.00	0.00	0.00	0.00	0.00	0.00	MWD
600.00	0.00	49.41	600.00	0.00	0.00	0.00	0.00	0.00	0.00	MWD
700.00	2.00	49.41	699.98	1.14	1.33	1.75	2.00	2.00	0.00	MWD
800.00	4.00	49.41	799.84	4.54	5.30	6.98	2.00	2.00	0.00	MWD
900.00	6.00	49.41	899.45	10.21	11.92	15.69	2.00	2.00	0.00	MWD
1000.00	8.00	49.41	998.70	18.14	21.17	27.88	2.00	2.00	0.00	MWD
1100.00	10.00	49.41	1097.47	28.32	33.05	43.52	2.00	2.00	0.00	MWD
1200.00	12.00	49.41	1195.62	40.74	47.54	62.60	2.00	2.00	0.00	MWD
1237.50	12.75	49.41	1232.25	45.97	53.64	70.64	2.00	2.00	0.00	MWD
1300.00	12.75	49.41	1293.21	54.94	64.11	84.43	0.00	0.00	0.00	MWD
1400.00	12.75	49.41	1390.74	69.30	80.87	106.50	0.00	0.00	0.00	MWD
1500.00	12.75	49.41	1488.28	83.66	97.63	128.57	0.00	0.00	0.00	MWD
1600.00	12.75	49.41	1585.81	98.02	114.39	150.64	0.00	0.00	0.00	MWD
1700.00	12.75	49.41	1683.35	112.38	131.15	172.71	0.00	0.00	0.00	MWD
1800.00	12.75	49.41	1780.88	126.75	147.90	194.78	0.00	0.00	0.00	MWD
1900.00	12.75	49.41	1878.42	141.11	164.66	216.85	0.00	0.00	0.00	MWD
2000.00	12.75	49.41	1975.95	155.47	181.42	238.92	0.00	0.00	0.00	MWD
2100.00	12.75	49.41	2073.48	169.83	198.18	260.99	0.00	0.00	0.00	MWD
2200.00	12.75	49.41	2171.02	184.19	214.94	283.06	0.00	0.00	0.00	MWD
2300.00	12.75	49.41	2268.55	198.55	231.69	305.13	0.00	0.00	0.00	MWD
2400.00	12.75	49.41	2366.09	212.91	248.45	327.20	0.00	0.00	0.00	MWD
2500.00	12.75	49.41	2463.62	227.27	265.21	349.27	0.00	0.00	0.00	MWD
2600.00	12.75	49.41	2561.16	241.63	281.97	371.34	0.00	0.00	0.00	MWD
2700.00	12.75	49.41	2658.69	255.99	298.73	393.41	0.00	0.00	0.00	MWD
2800.00	12.75	49.41	2756.22	270.35	315.49	415.48	0.00	0.00	0.00	MWD
2900.00	12.75	49.41	2853.76	284.71	332.24	437.55	0.00	0.00	0.00	MWD
3000.00	12.75	49.41	2951.29	299.08	349.00	459.62	0.00	0.00	0.00	MWD
3100.00	12.75	49.41	3048.83	313.44	365.76	481.69	0.00	0.00	0.00	MWD
3200.00	12.75	49.41	3146.36	327.80	382.52	503.76	0.00	0.00	0.00	MWD
3300.00	12.75	49.41	3243.90	342.16	399.28	525.83	0.00	0.00	0.00	MWD
3400.00	12.75	49.41	3341.43	356.52	416.04	547.90	0.00	0.00	0.00	MWD
3500.00	12.75	49.41	3438.96	370.88	432.79	569.97	0.00	0.00	0.00	MWD
3600.00	12.75	49.41	3536.50	385.24	449.55	592.04	0.00	0.00	0.00	MWD
3700.00	12.75	49.41	3634.03	399.60	466.31	614.11	0.00	0.00	0.00	MWD
3800.00	12.75	49.41	3731.57	413.96	483.07	636.18	0.00	0.00	0.00	MWD
3900.00	12.75	49.41	3829.10	428.32	499.83	658.25	0.00	0.00	0.00	MWD
4000.00	12.75	49.41	3926.63	442.68	516.58	680.32	0.00	0.00	0.00	MWD
4100.00	12.75	49.41	4024.17	457.05	533.34	702.39	0.00	0.00	0.00	MWD
4200.00	12.75	49.41	4121.70	471.41	550.10	724.46	0.00	0.00	0.00	MWD
4300.00	12.75	49.41	4219.24	485.77	566.86	746.52	0.00	0.00	0.00	MWD
4400.00	12.75	49.41	4316.77	500.13	583.62	768.59	0.00	0.00	0.00	MWD

Scientific Drilling International

Planning Report

Company: Newfield Exploration Co.
Field: Duchesne County, UT
Site: GS H-32-8-17
Well: GS H-32-8-17
Wellpath: OH

Date: 2006-03-08 Time: 09:51:36 Page: 4
Co-ordinate(NE) Reference: Well: GS H-32-8-17, True North
Vertical (TVD) Reference: GL 5252' & RKB 12' 5264.0
Section (VS) Reference: Well (0.00N,0.00E,49.41Azi)
Plan: Plan #1

Survey

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
4500.00	12.75	49.41	4414.31	514.49	600.38	790.66	0.00	0.00	0.00	MWD
4600.00	12.75	49.41	4511.84	528.85	617.13	812.73	0.00	0.00	0.00	MWD
4700.00	12.75	49.41	4609.37	543.21	633.89	834.80	0.00	0.00	0.00	MWD
4800.00	12.75	49.41	4706.91	557.57	650.65	856.87	0.00	0.00	0.00	MWD
4900.00	12.75	49.41	4804.44	571.93	667.41	878.94	0.00	0.00	0.00	MWD
5000.00	12.75	49.41	4901.98	586.29	684.17	901.01	0.00	0.00	0.00	MWD
5100.00	12.75	49.41	4999.51	600.65	700.93	923.08	0.00	0.00	0.00	MWD
5200.00	12.75	49.41	5097.05	615.02	717.68	945.15	0.00	0.00	0.00	MWD
5300.00	12.75	49.41	5194.58	629.38	734.44	967.22	0.00	0.00	0.00	MWD
5400.00	12.75	49.41	5292.11	643.74	751.20	989.29	0.00	0.00	0.00	MWD
5408.09	12.75	49.41	5300.00	644.90	752.56	991.08	0.00	0.00	0.00	MWD
5500.00	10.91	49.41	5389.96	657.16	766.86	1009.92	2.00	-2.00	0.00	MWD
5600.00	8.91	49.41	5488.46	668.36	779.93	1027.13	2.00	-2.00	0.00	MWD
5700.00	6.91	49.41	5587.50	677.32	790.39	1040.90	2.00	-2.00	0.00	MWD
5800.00	4.91	49.41	5686.97	684.02	798.21	1051.20	2.00	-2.00	0.00	MWD
5900.00	2.91	49.41	5786.73	688.46	803.39	1058.02	2.00	-2.00	0.00	MWD
6000.00	0.91	49.41	5886.67	690.63	805.92	1061.35	2.00	-2.00	0.00	MWD
6045.59	0.00	49.41	5932.25	690.86	806.19	1061.72	2.00	-2.00	0.00	MWD
6100.00	0.00	49.41	5986.67	690.86	806.19	1061.72	0.00	0.00	0.00	MWD
6200.00	0.00	49.41	6086.67	690.86	806.19	1061.72	0.00	0.00	0.00	MWD
6300.00	0.00	49.41	6186.67	690.86	806.19	1061.72	0.00	0.00	0.00	MWD
6313.33	0.00	49.41	6200.00	690.86	806.19	1061.72	0.00	0.00	0.00	MWD



March 20, 2006

Ms. Diana Whitney
State of Utah - Division of Oil, Gas and Mining
P.O. Box 145801
Salt Lake City, Utah 84114-5801

Re: Directional Drilling R649-3-11

Gilsonite State #G-32-8-17: 1925' FNL, 1872' FWL (surface)
1326' FNL, 1322' FWL (bottomhole)
Gilsonite State #H-32-8-17: 1923' FNL, 1893' FWL (surface)
1326' FNL, 2644' FWL (bottomhole)
Gilsonite State #M-32-8-17: 2178' FSL, 2273' FEL (surface)
2649' FSL, 2643' FEL (bottomhole)
Gilsonite State #Q-32-8-17: 1882' FSL, 781' FWL (surface)
1325' FSL, 1323' FWL (bottomhole)
Gilsonite State #N-32-8-17: 1887' FSL, 802' FWL (surface)
2650' FSL, 1323' FWL (bottomhole)
Duschene Cty., Utah

Dear Ms. Whitney:

Pursuant to the filing by Newfield Production Company (hereinafter "NPC") of five Applications for Permit to Drill (dtd 12/21/2005) concerning the wells referenced above, NPC is hereby submitting this letter in accordance with Oil & Gas Conservation Rule R649-3-3 pertaining to the Exception Location and Siting of Wells and R649-3-11, Directional Drilling.

These wells are located in Section 32: T8S-R17E; the entire section is covered by state lease ML-22060 and the entire section is also known as the Gilsonite Unit.

NPC is permitting these well as directional wells in order to minimize surface disturbance. Locating the wells at these surface locations and directionally drilling from these locations, NPC will be able to utilize the existing the existing road and pipelines in the area.

Page 1

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MAR 22 2006

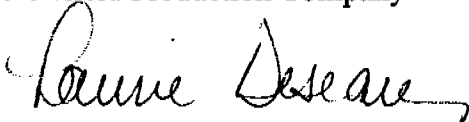
DIV. OF OIL, GAS & MINING

Please note that the working interest owners within this unit are: Key Production Company, Wilbanks Reserve Corp., ROEC, Inc., Jasper N. Warren, King Oil & Gas of Texas, Ltd. and Rust to Gold, LLC. We have contacted these owners and their consents to these locations are attached.

Therefore, based on the above stated information NPC requests the permit be granted pursuant to R649-3-11.

Sincerely,

Newfield Production Company

A handwritten signature in cursive script, appearing to read "Laurie Deseau", written in black ink.

Laurie Deseau
Properties Administrator

Enclosures



State of Utah

**Department of
Natural Resources**

MICHAEL R. STYLER
Executive Director

**Division of
Oil, Gas & Mining**

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

March 22, 2006

Newfield Production Company
Rt. #3, Box 3630
Myton, UT 84052

Re: Gilsonite State H-32-8-17 Well, 1923' FNL, 1893' FWL, SE NW, Sec. 32,
T. 8 South, R. 17 East, Bottom Location 1326' FNL, 2644' FWL, North Half,
Sec. 32, T. 8 South, R. 17 East, Duchesne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-33010.

Sincerely,

A handwritten signature in black ink, appearing to read "Gil Hunt".

Gil Hunt
Associate Director

pab
Enclosures

cc: Duchesne County Assessor
SITLA

Operator: Newfield Production Company
Well Name & Number Gilsonite State H-32-8-17
API Number: 43-013-33010
Lease: ML-22060

Location: SE NW **Sec.** 32 **T.** 8 South **R.** 17 East
Bottom Location: North Half **Sec.** 32 **T.** 8 South **R.** 17 East

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- 24 hours prior to cementing or testing casing
- 24 hours prior to testing blowout prevention equipment
- 24 hours prior to spudding the well
- within 24 hours of any emergency changes made to the approved drilling program
- prior to commencing operations to plug and abandon the well

The following are Division of Oil, Gas and Mining contacts and their work telephone numbers (please leave a voice mail message if the person is not available to take the call):

- Dan Jarvis at (801) 538-5338
- Carol Daniels at (801) 538-5284 (spud)

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. In accordance with Utah Admin. R. 649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

5. Compliance with the State of Utah Antiquities Act forbids disturbance of archeological, historical, or paleontological remains. Should archeological, historical or paleontological remains be encountered during your operations, you are required to immediately suspend all operations and immediately inform the Trust Lands Administration and the Division of State History of the discovery of such remains.

Page 2
43-013-33010
March 22, 2006

6. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)
7. Cement volumes for the 8 5/8" and 5 1/2" casing strings shall be determined from actual hole diameters in order to place cement from the pipe setting depths back to the surface.

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: NEWFIELD PRODUCTION COMPANY

Well Name: GILSONITE ST H-32-8-17

Api No: 43-013-33010 Lease Type: STATE

Section 32 Township 08S Range 17E County DUCHESNE

Drilling Contractor ROSS DRILLING RIG # 24

SPUDDED:

Date 04/03/06

Time 1:30 PM

How DRY

Drilling will Commence: _____

Reported by ALVIN NIELSEN

Telephone # (435) 823-7468

Date 04/03/2006 Signed CHD

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
ENTITY ACTION FORM - FORM 6OPERATOR: NEWFIELD PRODUCTION COMPANY
ADDRESS: RT. 3 BOX 3630
MYTON, UT 84052

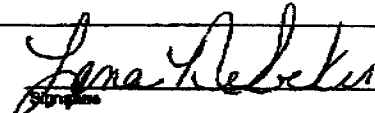
OPERATOR ACCT. NO. N2895

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QO	SC	TP	RG	COUNTY		
A	99999	15293	4304735786	STATE 8-2-9-18	SE/NE	2	8S	18E	UINTAH	03/31/06	4/6/06
WELL 1 COMMENTS: GRRV											
A	99999	15294	4304736187	FEDERAL 9-19-8-18	NE/SE	19	8S	18E	UINTAH	3/30/06	4/6/06
GRRV											
B	99999	14844	4304736037	FEDERAL 8-33-8-18	SE/NE	33	8S	18E	UINTAH	04/01/06	4/6/06
GRRV Sundance											
B	99999	11486	4301333010	GILSONITE STATE H-32-8-17	SE/NE	32	8S	17E	DUCHESNE	04/03/06	4/6/06
GRRV											
B	99999	14844	4304736036	FEDERAL 1-33-8-18	NE/NE	33	8S	18E	UINTAH	04/04/06	4/6/06
WELL 5 COMMENTS: GRRV Sundance											
B	99999	11486	4301333009	STATE G-32-8-18 17	SE/NE	32	8S	17E	DUCHESNE	04/04/06	4/6/06
WELL 6 COMMENTS: GRRV											

ACTION CODES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.



Lana Nebeker

Production Clerk
TitleApril 6, 2006
Date

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DIV OF OIL GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ OTHER Unassigned

2. NAME OF OPERATOR:
NEWFIELD PRODUCTION COMPANY

3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052 PHONE NUMBER 435.646.3721

4. LOCATION OF WELL: FOOTAGES AT SURFACE: 1923 FNL 1893 FWL COUNTY: Duchesne
OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SE/NE, 32, T8S, R17E STATE: Utah

5. LEASE DESIGNATION AND SERIAL NUMBER:
ML22060

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:
GILSONITE

8. WELL NAME and NUMBER:
GILSONITE STATE H-32-8-17

9. API NUMBER:
4301333010

10. FIELD AND POOL, OR WILDCAT:
Unassigned

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF ACTION SubDate

TYPE OF SUBMISSION

TYPE OF ACTION

☐ NOTICE OF INTENT
(Submit in Duplicate)

Approximate date work will

☒ SUBSEQUENT REPORT
(Submit Original Form Only)

Date of Work Completion:

04/05/2006

☐ ACIDIZE

☐ ALTER CASING

☐ CASING REPAIR

☐ CHANGE TO PREVIOUS PLANS

☐ CHANGE TUBING

☐ CHANGE WELL NAME

☐ CHANGE WELL STATUS

☐ COMMINGLE PRODUCING FORMATIONS

☐ CONVERT WELL TYPE

☐ DEEPEN

☐ FRACTURE TREAT

☐ NEW CONSTRUCTION

☐ OPERATOR CHANGE

☐ PLUG AND ABANDON

☐ PLUG BACK

☐ PRODUCTION (START/STOP)

☐ RECLAMATION OF WELL SITE

☐ RECOMPLETE - DIFFERENT FORMATION

☐ REPERFORATE CURRENT FORMATION

☐ SIDETRACK TO REPAIR WELL

☐ TEMPORARILY ABANDON

☐ TUBING REPAIR

☐ VENT OR FLAIR

☐ WATER DISPOSAL

☐ WATER SHUT-OFF

☒ OTHER: - Spud Notice

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

On 4/3/05 MIRU Ross # 24. Drill 303' of 12 1/4" hole with air mist. TIH W/ 7 Jt's 8 5/8" J-55 24 # csgn. Set @ 307.68' KB On 4/5/06 cement with 160 sks of class "G" w/ 2% CaCL2 + 1/4# sk Cello- Flake Mixed @ 15.8 ppg > 1.17 cf/ sk yeild. Returned 7 bbls cement to pit. WOC.

NAME (PLEASE PRINT) Alvin Nielsen

TITLE Drilling Foreman

SIGNATURE

DATE 04/05/2006

(This space for State use only)

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DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

8 5/8 CASING SET AT 307.68

LAST CASING 8 5/8" SET AT 307.68'
 DATUM 12' KB
 DATUM TO CUT OFF CASING _____
 DATUM TO BRADENHEAD FLANGE _____
 TD DRILLER 303' LOGGER _____
 HOLE SIZE 12 1/4

OPERATOR Newfield Production Company
 WELL Gilsonite State H-32-8-17
 FIELD/PROSPECT Monument Butte
 CONTRACTOR & RIG # Ross # 24

LOG OF CASING STRING:								
PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH	
		Shoe Joint 40.85'						
		WHI - 92 csg head			8rd	A	0.95	
7	8 5/8"	Maverick ST&C csg	24#	J-55	8rd	A	295.83	
		GUIDE shoe			8rd	A	0.9	
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			297.68	
TOTAL LENGTH OF STRING		297.68	7	LESS CUT OFF PIECE			2	
LESS NON CSG. ITEMS		1.85		PLUS DATUM TO T/CUT OFF CSG			12	
PLUS FULL JTS. LEFT OUT		0		CASING SET DEPTH			307.68	
TOTAL		295.83	7	} COMPARE				
TOTAL CSG. DEL. (W/O THRDS)		295.83	7					
TIMING		1ST STAGE						
BEGIN RUN CSG.		Spud	3/3/2006	1:30 PM	GOOD CIRC THRU JOB			Yes
CSG. IN HOLE			4/4/2006	11:00 AM	Bbls CMT CIRC TO SURFACE			7
BEGIN CIRC			4/5/2006	8:52 AM	RECIPROCATED PIPE FOR			THRU FT STROKE
BEGIN PUMP CMT			4/5/2006	9:00 AM				N/A
BEGIN DSPL. CMT			4/5/2006	9:11 AM	BUMPED PLUG TO			401 PSI
PLUG DOWN			4/5/2006	9:16 AM				
CEMENT USED		CEMENT COMPANY- B. J.						
STAGE	# SX	CEMENT TYPE & ADDITIVES						
1	160	Class "G" w/ 2% CaCL2 + 1/4#/sk Cello-Flake mixed @ 15.8 ppg 1.17 cf/sk yield						
CENTRALIZER & SCRATCHER PLACEMENT		SHOW MAKE & SPACING						
Centralizers - Middle first, top second & third for 3								

COMPANY REPRESENTATIVE Alvin Nielsen DATE 4/5/2006

RECEIVED
APR 10 2006
 DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires January 31, 2004

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposals.

5. Lease Serial No.
ML22060

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or No.
GILSONITE

8. Well Name and No.
GILSONITE STATE H-32-8-17

9. API Well No.
4301333010

10. Field and Pool, or Exploratory Area
Unassigned

11. County or Parish, State
Duchesne, UT

1. Type of Well
☐ Oil Well ☐ Gas Well ☒ Other Unassigned

2. Name of Operator
NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630
Myton, UT 84052

3b. Phone No. (include are code)
435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1923 FNL 1893 FWL
SE/NE Section 32 T8S R17E

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production(Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Weekly Status Report _____
	<input type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomple horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recomple in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

On 4/14/06 MIRU NDSI Rig # 2. Set all equipment. Pressure test Kelly, TIW, Choke manifold, & Bop's to 2,000 psi. Test 8.625 csgn to 1,500 psi. Vernal BLM field, & Roosevelt DOGM office was notified of test. PU BHA and tag cement @ 266'. Drill out cement & shoe. Drill a 7.875 hole with fresh water to a depth of 6328'. Lay down drill string & BHA. Open hole log w/ Dig/SP/GR log's TD to surface. PU & TIH with Guide shoe, shoe jt, float collar, 150 jt's of 5.5 J-55, 15.5# csgn. Set @ 6328' / KB. Cement with 350 sks cement mixed @ 11.0 ppg & 3.43 yld. The 450 sks cement mixed @ 14.4 ppg & 1.24 yld. Returned 15 bbls of cement to reserve pit. Nipple down Bop's. Drop slips @ 97,000 #'s tension. Release rig @ 7:30 AM on 4/23/06.

I hereby certify that the foregoing is true and correct

Name (Printed/ Typed)

Justin Crum

Signature

Title

Drilling Foreman

Date

04/26/2006

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on reverse)

RECEIVED

APR 28 2006

DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

5 1/2" CASING SET AT 6328.97

Flt cllr @ 6287.10

LAST CASING 8 5/8" SET # 307.68

OPERATOR Newfield Production Company

DATUM 12' KB

WELL GS State H-32-8-17

DATUM TO CUT OFF CASING 12'

FIELD/PROSPECT Monument Butte

DATUM TO BRADENHEAD FLANGE _____

CONTRACTOR & RIG # NDSI # 2

TD DRILLER 6340 LOGGER _____

HOLE SIZE 7 7/8"

LOG OF CASING STRING:

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH	
		Landing Jt					14	
		7.17 short jt @ 4216						
149	5 1/2"	ETC LT & C casing	15.5#	J-55	8rd	A	6273.1	
		Float collar					0.6	
1	5 1/2"	ETC LT&C csg	15.5#	J-55	8rd	A	42.62	
		GUIDE shoe			8rd	A	0.65	
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING				6330.97
TOTAL LENGTH OF STRING		6330.97	150	LESS CUT OFF PIECE				14
LESS NON CSG. ITEMS		15.25		PLUS DATUM TO T/CUT OFF CSG				12
PLUS FULL JTS. LEFT OUT		85.03	2	CASING SET DEPTH				6328.97
TOTAL		6400.75	152	} COMPARE				
TOTAL CSG. DEL. (W/O THRDS)		6400.75	152					
TIMING		1ST STAGE	2nd STAGE					
BEGIN RUN CSG.		4/23/2006	12:30 AM	GOOD CIRC THRU JOB				Yes
CSG. IN HOLE		4/23/2006	3:30 AM	Bbls CMT CIRC TO SURFACE				15
BEGIN CIRC		4/23/2006	3:35 AM	RECIPROCATED PIPE FOR				THRUSTROKE No
BEGIN PUMP CMT		4/23/2006	5:28 AM	DID BACK PRES. VALVE HOLD ?				yes
BEGIN DSPL. CMT		4/23/2006	6:28	BUMPED PLUG TO				1750 PSI
PLUG DOWN		4/23/2006	7:03 AM					
CEMENT USED		CEMENT COMPANY- B. J.						
STAGE	# SX	CEMENT TYPE & ADDITIVES						
1	350	Premlite II w/ 10% gel + 3 % KCL, 3#s /sk CSE + 2# sk/kolseal + 1/2#s/sk Cello Flake						
		mixed @ 11.0 ppg W / 3.43 cf/sk yield						
2	450	50/50 poz W/ 2% Gel + 3% KCL, .5%EC1,1/4# sk C.F. 2% gel. 3% SM mixed @ 14.4 ppg W/ 1.24 YLD						
CENTRALIZER & SCRATCHER PLACEMENT			SHOW MAKE & SPACING					
Centralizers - Middle first, top second & third. Then every third collar for a total of 20.								

COMPANY REPRESENTATIVE Alvin Nielsen

DATE 4/23/2006

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER:

NY-22060

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT or CA AGREEMENT NAME:

GILSONITE UNIT

8. WELL NAME and NUMBER:

GILSONITE H-32-8-17

9. API NUMBER:

4301333010

10. FIELD AND POOL, OR WILDCAT:

MONUMENT BUTTE

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL:

OIL WELL ☐

GAS WELL ☐

OTHER UNKNOWN

2. NAME OF OPERATOR:

NEWFIELD PRODUCTION COMPANY

3. ADDRESS OF OPERATOR:

Route 3 Box 3630

CITY Myton

STATE UT

ZIP 84052

PHONE NUMBER

435.646.3721

4. LOCATION OF WELL:

FOOTAGES AT SURFACE: 1923 FNL 1893 FWL

COUNTY: DUCHESNE

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SENE, 32, T8S, R17E

STATE: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will <u>07/15/2006</u>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion:	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input checked="" type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: -
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Formation water is produced to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

Accepted by the
Utah Division of
Oil, Gas and Mining

Date: 07-20-06

By: [Signature]

COPY SENT TO OPERATOR
Date: 10-11-06
Initials: [Signature]

NAME (PLEASE PRINT) Mandie Crozier

TITLE Regulatory Specialist

SIGNATURE [Signature]

DATE 07/18/2006

(This space for State use only)

RECEIVED

JUL 19 2006

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires January 31, 2004

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an
abandoned well. Use Form 3160-3 (APD) for such proposals.

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630
Myton, UT 84052

3b. Phone (include area code)
435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1923 FNL 1893 FWL
SENE Section 32 T8S R17E

5. Lease Serial No.

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or
GILSONITE UNIT

8. Well Name and No.
GILSONITE H-32-8-17

9. API Well No.
4301333010

10. Field and Pool, or Exploratory Area
MONUMENT BUTTE

11. County or Parish, State
DUCHESNE, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production(Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Weekly Status Report _____
	<input type="checkbox"/> Convert to	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Status report for time period 06/19/06 - 07/15/06

Subject well had completion procedures initiated in the Green River formation on 06-19-06 without the use of a service rig over the well. A cement bond log was run and a total of five Green River intervals were perforated and hydraulically fracture treated with 20/40 mesh sand. Perforated intervals are as follows: Stage #1 (5956'-5981'),(5902'-5912'); Stage #2 (5588'-5608'),(5574'-5584'),(5560'-5566'); Stage #3 (5421'-5427'); Stage #4 (5116'-5123'),(5107'-5113'); Stage #5 (4438'-4451'),(4402'-4416'). All perforations, were 4 JSPF. Composite flow-through frac plugs were used between stages. Fracs were flowed back through chokes. A service rig was moved over the well on 07-12-2006. Bridge plugs were drilled out and well was cleaned to 6229'. Zones were swab tested for sand cleanup. A new 1 1/2" bore rod pump was run in well on sucker rods. Well was placed on production via rod pump on 07-15-2006.

I hereby certify that the foregoing is true and correct (Printed/ Typed)

Lana Nebeker

Signature

Title

Production Clerk

Date

09/11/2006

Approved by _____

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on reverse)

RECEIVED

SEP 12 2006

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires January 31, 2004

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

1. Type of Well
☐ Oil Well ☐ Gas Well ☒ Other UNKNOWN

2. Name of Operator
NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630
Myton, UT 84052

3b. Phone (include area code)
435.646.3721

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SENE Section 32 T8S R17E

5. Lease Serial No.

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GILSONITE UNIT

8. Well Name and No.
GILSONITE H-32-8-17

9. API Well No.
4301333010

10. Field and Pool, or Exploratory Area
MONUMENT BUTTE

11. County or Parish, State
DUCHESNE, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production(Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Monthly Status Report
	<input type="checkbox"/> Convert to	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomple horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recomple in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Operations Suspended

I hereby certify that the foregoing is true and correct (Printed/ Typed)

Lana Nebeker

Signature

Title

Production Clerk

Date

07/12/2006

Approved by

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Title

Date

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(Instructions on reverse)

RECEIVED

JUL 14 2006

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WORK

OIL WELL ☒ GAS WELL ☐ DRY ☐ Other _____

1b. TYPE OF WELL

NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF RESVR. ☐ Other _____

2. NAME OF OPERATOR

Newfield Exploration Company

3. ADDRESS AND TELEPHONE NO.

1401 17th St. Suite 1000 Denver, CO 80202

4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements.*)

At Surface 1923' FNL & 1893' FWL (SE/NW) Sec. 32, T8S, R17E

At top prod. Interval reported below 1326' FNL & 2644' FWL Sec. 32, T8S, R17E

At total depth

1289 FNL 2744 FWL

14. API NO.
43-013-33010

DATE ISSUED
3/22/06

12. COUNTY OR PARISH
Duchesne

13. STATE
UT

15. DATE SPUNDED
4/4/06

16. DATE T.D. REACHED
4/22/06

17. DATE COMPL. (Ready to prod.)
7/15/06

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*
5253' GL 5265' KB

19. ELEV. CASINGHEAD

20. TOTAL DEPTH MD & TVD

6340' / 6234'

21. PLUG BACK T.D., MD & TVD

6285' / 6180'

22. IF MULTIPLE COMPL.
HOW MANY*

23. INTERVALS
DRILLED BY
----->

ROTARY TOOLS

X

CABLE TOOLS

24. PRODUCING INTERVAL(S) OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)*

Green River 4402'-5981'

25. WAS DIRECTIONAL
SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

Dual Induction Guard, SP, Compensated Density, Compensated Neutron, GR, Caliper, Cement Bond Log

27. WAS WELL CORED

No

23. CASING RECORD (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
8-5/8" - J-55	24#	308'	12-1/4"	To surface with 160 sx Class "G" cmt	
5-1/2" - J-55	15.5#	6329'	7-7/8"	350 sx Premlite II and 450 sx 50/50 Poz	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	EOT @ 6046'	TA @ 5945'

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)

INTERVAL	SIZE	SPF/NUMBER	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
(CP1&2) 5902'-12', 5956'-81'	.46"	4/140	5902'-5981'	Frac w/ 120,182# 20/40 sand in 844 bbls fluid
(LODC) 5560'-66', 5574'-84', 5588'-5608'	.43"	4/144	5560'-5608'	Frac w/ 160,001# 20/40 sand in 1080 bbls fluid
(A1) 5421'-5427'	.43"	4/24	5421'-5427'	Frac w/ 24,675# 20/40 sand in 349 bbls fluid
(C) 5107'-13', 5116'-23'	.43"	4/52	5107'-5123'	Frac w/ 40,365# 20/40 sand in 429 bbls fluid
(GB4) 4402'-16', 4438'-51'	.43"	4/108	4402'-4451'	Frac w/ 66,560# 20/40 sand in 537 bbls fluid

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump)					WELL STATUS (Producing or shut-in)	
7/15/06		2-1/2" x 1-1/2" x 18.5' RHAC SM Plunger Pump					PRODUCING	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL--BBL.	GAS--MCF	WATER--BBL.		GAS-OIL RATIO
30 day ave			----->	19	46	19		2421
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL--BBL.	GAS--MCF	WATER--BBL.		OIL GRAVITY--API (CORR.)	
		----->		RECEIVED				

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Sold & Used for Fuel

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined by me or under my direct supervision.

SIGNED

M. L. ...

DATE

DIV. OF OIL, GAS & MINERAL
REGULATORY SERVICES

8/15/2006

RECEIVED
AUG 16 2006

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries);				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
			Well Name Gilsonite State #H-32-8-17	Garden Gulch Mkr	3945'	
				Garden Gulch 1	4137'	
				Garden Gulch 2	4257'	
				Point 3 Mkr	4536'	
				X Mkr	4774'	
				Y-Mkr	4811'	
				Douglas Creek Mkr	4941'	
				BiCarbonate Mkr	5174'	
				B Limestone Mkr	5310'	
				Castle Peak	5846'	
				Basal Carbonate	6279'	
				Total Depth (LOGGERS)	6343'	



Scientific
Drilling

Directional Survey Certification

RE: Newfield Exploration Co. **Operator**
GS H-32-8-17 **Well Name & No.**
Duchesne County, UT **Location**
41DEF0604362 **SDI Job No.**

I, Julie Seaman, having personal knowledge of all the facts, hereby
certify that the attached directional survey run from a measured depth of 339 feet to a
measured depth of 6340 feet is true and correct as determined from all available records.

Julie Seaman

Signature

District Engineer

Title

Scientific Drilling International

Company

State of : Wyoming }

ss

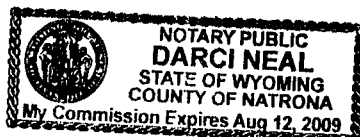
County of : Natrona }

On this 27th day of April, 2006, before me personally appeared
Julie Seaman to me known as the person described in and who executed the foregoing
instrument and acknowledged that (s)he executed the same as his/her free act and deed.

Seal

Darci Neal
Notary Public

Aug 12, 2009
My Commission Expires

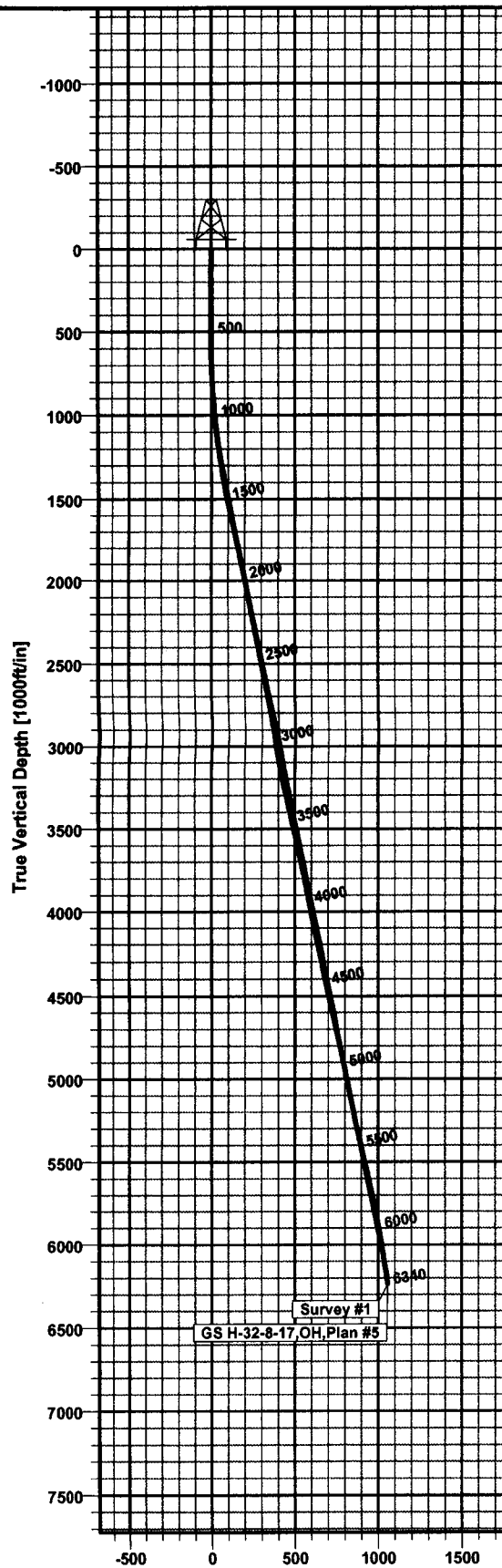




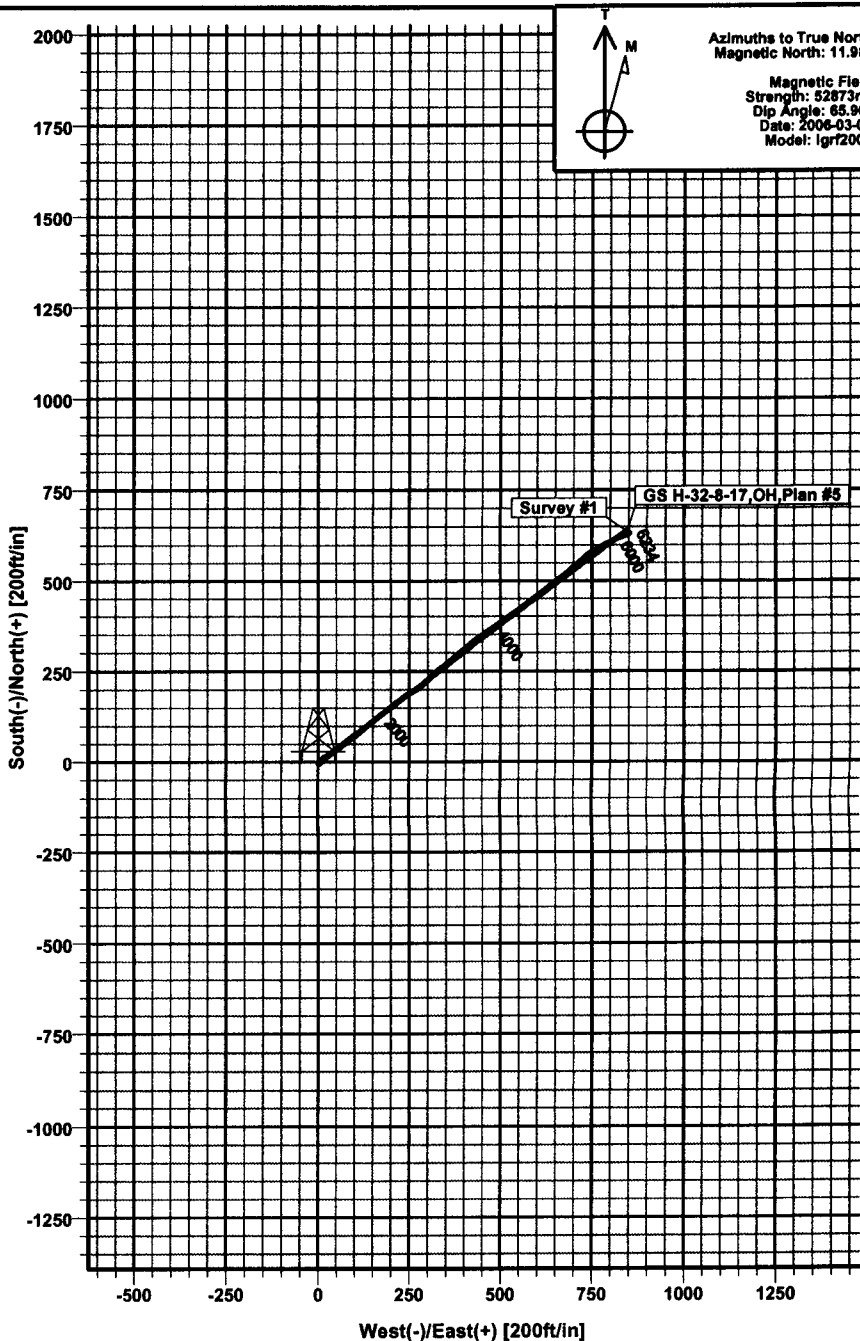
Scientific Drilling
Rocky Mountain Operations

Field: Duchesne County, UT
Site: GS H-32-8-17
Well: GS H-32-8-17
Wellpath: OH
Survey: Survey #1

Newfield Exploration Co.



Vertical Section at 49.41° [1000ft/in]



Azimuths to True North
Magnetic North: 11.98°
Magnetic Field
Strength: 52873nT
Dip Angle: 65.96°
Date: 2006-03-08
Model: Igrf2005

WELL DETAILS

Name	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
GS H-32-8-17	0.00	0.00	638247.96	2410685.48	40°04'35.086N	110°01'56.351W	N/A

SITE DETAILS

GS H-32-8-17
Sec. 32 T8S R17E
Site Centre Latitude: 40°04'35.086N
Longitude: 110°01'56.351W
Ground Level: 5252.00
Positional Uncertainty: 0.00
Convergence: 0.94

Survey: Survey #1 (GS H-32-8-17/OH)

Created By: Julie Seaman Date: 2006-04-26

FIELD DETAILS

Duchesne County, UT
Geodetic System: US State Plane Coordinate System 1927
Ellipsoid: NAD27 (Clarke 1866)
Zone: Utah, Central Zone
Magnetic Model: Igrf2005
System Datum: Mean Sea Level
Local North: True North

BOTTOM HOLE CLOSURE

1060.78 ft 53.31° Azimuth



Scientific Drilling International

Survey Completion Report

Company: Newfield Exploration Co. Field: Duchesne County, UT Site: GS H-32-8-17 Well: GS H-32-8-17 Wellpath: OH				Date: 2006-04-26 Time: 16:54:09 Page: 1 Co-ordinate(NE) Reference: Well: GS H-32-8-17, True North Vertical (TVD) Reference: GL 5252' & RKB 12' 5264.0 Section (VS) Reference: Well (0.00N,0.00E,49.41Azi) Survey Calculation Method: Minimum Curvature Db: Sybase																			
Survey: Survey #1 Company: Scientific Drilling Tool: MWD;MWD - Standard		Start Date: 2006-04-15 Engineer: S. Park Tied-to: From Surface																					
Field: Duchesne County, UT Map System: US State Plane Coordinate System 1927 Map Zone: Utah, Central Zone Geo Datum: NAD27 (Clarke 1866) Coordinate System: Well Centre Sys Datum: Mean Sea Level Geomagnetic Model: igrf2005																							
Site: GS H-32-8-17 Sec. 32 T8S R17E <table style="width:100%;"> <tr> <td>Site Position:</td> <td>Northing: 638247.96 ft</td> <td>Latitude: 40 4 35.086 N</td> </tr> <tr> <td>From: Geographic</td> <td>Easting: 2410685.48 ft</td> <td>Longitude: 110 1 56.351 W</td> </tr> <tr> <td>Position Uncertainty: 0.00 ft</td> <td></td> <td>North Reference: True</td> </tr> <tr> <td>Ground Level: 5252.00 ft</td> <td></td> <td>Grid Convergence: 0.94 deg</td> </tr> </table>				Site Position:	Northing: 638247.96 ft	Latitude: 40 4 35.086 N	From: Geographic	Easting: 2410685.48 ft	Longitude: 110 1 56.351 W	Position Uncertainty: 0.00 ft		North Reference: True	Ground Level: 5252.00 ft		Grid Convergence: 0.94 deg								
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Meas Depth ft	Inclination deg	Azimuth deg	TVD ft	Vert Sect ft	N/S ft	E/W ft	DLS deg/100ft	CLen ft	ClSD ft	ClSA deg													
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00													
339.00	0.90	176.55	338.99	-1.61	-2.66	0.16	0.27	339.00	2.66	176.55													
370.00	0.89	176.16	369.98	-1.90	-3.14	0.19	0.04	31.00	3.15	176.52													
401.00	0.74	180.18	400.98	-2.17	-3.58	0.21	0.52	31.00	3.59	176.70													
431.00	1.10	161.91	430.98	-2.41	-4.05	0.30	1.53	30.00	4.06	175.83													
462.00	0.60	193.49	461.97	-2.66	-4.49	0.35	2.15	31.00	4.50	175.54													
491.00	0.81	133.37	490.97	-2.76	-4.78	0.46	2.51	29.00	4.80	174.46													
522.00	0.55	66.87	521.97	-2.59	-4.87	0.76	2.51	31.00	4.93	171.14													
553.00	0.83	66.53	552.97	-2.24	-4.72	1.10	0.90	31.00	4.85	166.86													
583.00	1.22	91.79	582.96	-1.79	-4.65	1.62	1.96	30.00	4.92	160.77													
614.00	1.27	71.24	613.95	-1.23	-4.55	2.28	1.44	31.00	5.08	153.40													
645.00	1.60	72.45	644.94	-0.51	-4.30	3.01	1.07	31.00	5.25	145.00													
675.00	1.71	62.76	674.93	0.31	-3.97	3.81	1.00	30.00	5.51	136.19													
706.00	2.49	60.72	705.91	1.42	-3.43	4.81	2.53	31.00	5.91	125.51													
736.00	2.57	49.72	735.88	2.73	-2.68	5.89	1.64	30.00	6.47	114.45													
767.00	3.00	40.16	766.85	4.23	-1.61	6.94	2.04	31.00	7.13	103.05													
798.00	3.35	46.87	797.80	5.93	-0.37	8.13	1.64	31.00	8.14	92.61													
829.00	3.60	46.23	828.74	7.81	0.92	9.49	0.82	31.00	9.54	84.45													
859.00	3.71	45.49	858.68	9.72	2.25	10.87	0.40	30.00	11.10	78.28													
891.00	4.18	42.28	890.60	11.91	3.84	12.39	1.62	32.00	12.97	72.76													
923.00	4.28	41.05	922.52	14.25	5.61	13.96	0.42	32.00	15.04	68.11													
954.00	4.92	42.86	953.42	16.71	7.45	15.62	2.12	31.00	17.31	64.49													
984.00	5.21	47.16	983.30	19.35	9.32	17.49	1.59	30.00	19.82	61.95													
1016.00	5.44	45.51	1015.16	22.32	11.37	19.64	0.86	32.00	22.70	59.93													



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Survey

Meas Depth ft	Inclination deg	Azimuth deg	TVD ft	Vert Sect ft	N/S ft	E/W ft	DLS deg/100ft	CLen ft	ClSD ft	ClSA deg
1045.00	5.66	47.51	1044.03	25.12	13.30	21.68	1.01	29.00	25.43	58.46
1077.00	6.47	52.66	1075.85	28.49	15.46	24.27	3.05	32.00	28.78	57.50
1108.00	6.44	52.30	1106.65	31.97	17.58	27.04	0.16	31.00	32.25	56.96
1140.00	7.04	53.51	1138.43	35.72	19.85	30.03	1.93	32.00	36.00	56.54
1170.00	7.22	53.55	1168.20	39.44	22.06	33.03	0.60	30.00	39.72	56.26
1201.00	7.60	54.10	1198.94	43.42	24.42	36.26	1.25	31.00	43.71	56.04
1233.00	8.26	52.34	1230.63	47.83	27.07	39.79	2.20	32.00	48.12	55.78
1266.00	8.26	54.29	1263.29	52.56	29.90	43.59	0.85	33.00	52.86	55.56
1296.00	8.31	54.36	1292.98	56.86	32.42	47.10	0.17	30.00	57.18	55.46
1327.00	8.61	53.35	1323.64	61.41	35.11	50.79	1.08	31.00	61.74	55.34
1359.00	9.45	53.30	1355.24	66.42	38.11	54.81	2.63	32.00	66.76	55.19
1390.00	9.58	52.25	1385.82	71.54	41.21	58.89	0.70	31.00	71.88	55.02
1422.00	10.08	53.12	1417.35	76.99	44.52	63.24	1.63	32.00	77.34	54.85
1452.00	10.63	51.66	1446.86	82.38	47.81	67.51	2.03	30.00	82.73	54.69
1483.00	11.44	51.56	1477.28	88.30	51.50	72.16	2.61	31.00	88.65	54.49
1515.00	11.63	52.44	1508.64	94.70	55.44	77.20	0.81	32.00	95.05	54.32
1544.00	11.84	52.84	1537.03	100.59	59.02	81.89	0.78	29.00	100.94	54.22
1575.00	12.28	53.55	1567.35	107.05	62.90	87.08	1.50	31.00	107.42	54.16
1606.00	12.95	52.00	1597.60	113.81	66.99	92.47	2.42	31.00	114.18	54.08
1699.00	12.83	51.44	1688.25	134.54	79.84	108.75	0.19	93.00	134.92	53.71
1792.00	12.69	50.25	1778.96	155.07	92.81	124.68	0.32	93.00	155.43	53.34
1886.00	12.17	48.43	1870.75	175.30	105.99	140.03	0.69	94.00	175.62	52.88
1980.00	11.41	51.19	1962.77	194.50	118.39	154.69	1.01	94.00	194.80	52.57
2073.00	10.78	51.55	2054.03	212.39	129.57	168.67	0.68	93.00	212.69	52.47
2166.00	11.13	51.83	2145.34	230.05	140.52	182.54	0.38	93.00	230.36	52.41
2261.00	11.43	52.22	2238.50	248.61	151.95	197.19	0.33	95.00	248.94	52.38
2355.00	11.17	53.10	2330.68	267.00	163.13	211.83	0.33	94.00	267.36	52.40
2449.00	10.86	53.00	2422.95	284.92	173.92	226.18	0.33	94.00	285.32	52.44
2541.00	10.77	54.78	2513.32	302.13	184.10	240.13	0.38	92.00	302.58	52.52
2634.00	11.42	60.51	2604.58	319.82	193.64	255.24	1.38	93.00	320.38	52.81
2727.00	10.79	57.64	2695.84	337.47	202.83	270.61	0.90	93.00	338.19	53.15
2821.00	9.08	49.51	2788.43	353.59	212.36	283.68	2.35	94.00	354.36	53.18
2913.00	8.86	44.37	2879.31	367.91	222.14	294.16	0.90	92.00	368.61	52.94
3006.00	10.04	46.24	2971.04	383.14	232.86	305.02	1.31	93.00	383.75	52.64
3098.00	9.93	49.05	3061.65	399.08	243.61	316.80	0.54	92.00	399.64	52.44
3193.00	11.33	51.73	3155.02	416.60	254.76	330.32	1.56	95.00	417.15	52.36
3285.00	13.28	52.38	3244.90	436.18	266.81	345.78	2.12	92.00	436.75	52.35
3380.00	12.66	49.43	3337.48	457.49	280.24	362.34	0.95	95.00	458.06	52.28
3474.00	12.85	51.34	3429.16	478.24	293.47	378.32	0.49	94.00	478.80	52.20
3568.00	12.44	50.39	3520.88	498.81	306.45	394.28	0.49	94.00	499.37	52.14
3661.00	12.16	51.56	3611.74	518.61	318.93	409.67	0.40	93.00	519.18	52.10
3754.00	12.34	52.25	3702.62	538.32	331.10	425.20	0.25	93.00	538.91	52.09
3847.00	11.39	52.68	3793.64	557.42	342.75	440.36	1.03	93.00	558.03	52.10
3941.00	10.82	54.10	3885.88	575.48	353.55	454.89	0.67	94.00	576.13	52.14
4035.00	11.43	56.19	3978.11	593.52	363.91	469.78	0.78	94.00	594.24	52.24
4127.00	11.14	58.60	4068.33	611.34	373.61	484.94	0.60	92.00	612.17	52.39
4227.00	12.04	56.54	4166.29	631.23	384.40	501.89	0.99	100.00	632.18	52.55
4321.00	12.83	50.98	4258.09	651.39	396.38	518.18	1.53	94.00	652.39	52.59
4416.00	12.38	52.92	4350.80	672.10	409.16	534.49	0.65	95.00	673.12	52.57
4510.00	12.18	52.44	4442.65	692.06	421.28	550.39	0.24	94.00	693.11	52.57
4604.00	12.25	52.71	4534.52	711.92	433.36	566.19	0.10	94.00	713.00	52.57
4696.00	12.45	53.07	4624.39	731.56	445.23	581.88	0.23	92.00	732.68	52.58



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4789.00	12.28	52.09	4715.24	751.44	457.33	597.70	0.29	93.00	752.59	52.58
4883.00	12.21	51.44	4807.10	771.36	469.67	613.36	0.16	94.00	772.53	52.56
4979.00	11.30	50.88	4901.08	790.91	481.94	628.59	0.96	96.00	792.08	52.52
5071.00	11.46	51.38	4991.27	809.06	493.33	642.73	0.20	92.00	810.23	52.49
5166.00	11.75	52.16	5084.33	828.15	505.15	657.74	0.35	95.00	829.34	52.48
5260.00	11.46	52.31	5176.41	847.04	516.73	672.69	0.31	94.00	848.25	52.47
5353.00	12.30	49.06	5267.42	866.17	528.87	687.48	1.15	93.00	867.37	52.43
5446.00	12.91	47.86	5358.18	886.46	542.33	702.67	0.71	93.00	887.62	52.34
5541.00	13.44	47.54	5450.68	908.10	556.91	718.68	0.56	95.00	909.20	52.23
5633.00	13.22	51.77	5540.20	929.30	570.64	734.83	1.09	92.00	930.38	52.17
5723.00	13.41	57.76	5627.78	949.91	582.57	751.75	1.55	90.00	951.06	52.23
5817.00	12.79	59.79	5719.34	970.93	593.62	769.96	0.82	94.00	972.23	52.37
5912.00	10.07	62.27	5812.45	989.37	602.78	786.40	2.91	95.00	990.84	52.53
6005.00	9.57	62.18	5904.08	1004.84	610.17	800.43	0.54	93.00	1006.48	52.68
6100.00	9.51	63.65	5997.77	1020.15	617.34	814.45	0.26	95.00	1021.98	52.84
6192.00	9.76	66.75	6088.47	1034.96	623.79	828.43	0.63	92.00	1037.02	53.02
6267.00	9.38	65.62	6162.43	1046.90	628.82	839.83	0.57	75.00	1049.16	53.18
6340.00	9.38	65.62	6234.45	1058.32	633.73	850.67	0.00	73.00	1060.78	53.31

Annotation

MD ft	TVD ft	
6340.00	6234.45	Projection to TD